

Air Resources Board

Gray Davis Governor

Alan C. Lloyd, Ph.D. Chairman

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MEMORANDUM

TO:

John Sanders Ph.D., Chief

Environmental Monitoring Branch Department of Pesticide Regulation

FROM:

George Lew, Chief

Engineering and Certification Branch Monitoring and Laboratory Division

DATE:

April 2, 2002

SUBJECT:

FINAL REPORT FOR THE 2000 BENOMYL AIR MONITORING

Attached is the final, "Report for the Application and Ambient Air Monitoring for Benomyl." Also attached is the separate volume of appendices for the report. We received your comments (May 25, 2001, Sanders to Lew) on the draft report (March 26, 2001, Lew to Sanders) and have made a number of corrections and changes you recommended.

If you or your staff have questions or need further information, please contact me at 327-0900, or Oscar Lopez at 323-1161.

Attachment/Separate Appendices

cc: Randy Segawa, DPR (w/Attachment/Appendices)
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Sharon Lee, DHS (w/Attachment/ Appendices)
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Michael Tanner, Merced County Agricultural Commissioner (w/Attachment)
Robert Rolan, Madera County Agricultural Commissioner (w/Attachment)
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California Environmental Protection Agency

California Environmental Protection Agency

Air Resources Board

Report for the Application And Ambient Air Monitoring For Benomyl

Testing Section
Engineering and Certification Branch
Monitoring and Laboratory Division

Project No. C99-108 (Ambient and Application)

Date: April 2, 2002

Approved:

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This report has been reviewed by the staff of the California Air Resources Board and approved for publication. Approval does not signify that the contents necessarily reflect the views and policies of the Air Resources Board, nor does mention of trade names or commercial products constitute endorsement or recommendation for use.

Summary

Report for the Application And Ambient Air Monitoring for Benomyl

This report presents the results of application and ambient air monitoring for benomyl and its breakdown products, carbendazim and n-butyl isocyanate (BIC). Application monitoring was conducted in Fresno County around the use of benomyl as a fungicide on 81 acres of almonds from February 24 to 29, 2000. Ambient monitoring was conducted to coincide with the use of benomyl on almonds, grapes and stone fruits in Merced, Madera, and Fresno Counties from January 31 to March 10, 2000. Tables 4 and 7 present the results of application air monitoring for benomyl and BIC, respectively. Table 10 presents the results of ambient air monitoring for benomyl and BIC. Summaries of the application and ambient results are presented in Tables 5, 8 and 11. The application sample results have also been summarized and associated with sampling period wind roses in Figures 6 through 16. Laboratory results, in units of nano gram per sample (ng/sample), equal to or above the estimated quantitation limit (EQL) of 170 ng/sample for benomyl and 301 ng/sample for BIC are reported to 3 significant figures. Results equal to or above the method detection limit (MDL) of 34.0 ng/sample for benomyl and 60.2 ng/sample for BIC but below the EQL are reported as detected (DET). Air concentration results (in units of nano gram per cubic meter (ng/m³) and parts per trillion by volume (pptv)) are reported to 2 significant figures. The air concentration, expressed in units of ng/m³ (or pptv), associated with the EQL is dependent on the volume of air sampled, which varies from sample to sample. For a 24-hour sampling period at 2.5 Liters per minute (Lpm) the air concentration would be 4.7x10¹ ng/m³ (0.4x10¹ pptv) for benomyl and for a 24-hour sampling period at 30 cubic centimeters per minute (ccpm) the air concentration would be 7.0x103 ng/m3 (1.7x103 ppty) for BIC as associated with the EQL's. Air sampling was conducted simultaneously for benomyl and BIC. Benomyl and carbendazim results are reported together as total benomyl, i.e., the two compounds cannot be determined separately by the sampling/analytical methods. Benomyl was collected in a XAD-2 cartridge at 2.5 Lpm and BIC was collected in a XAD-2 cartridge at 30 ccpm.

APPLICATION STUDY

<u>For benomyl</u>, all four of the <u>application</u> background samples had results less than MDL. Of the eighty application samples collected (spikes, blanks, background and the lower of the collocated samples excluded) six were found to be above the EQL, three sample results were detected and seventy-one sample results were <MDL. The highest concentration of 3.8×10^2 ng/m³ (32 pptv) was observed at the collocated north-sampling site (CN2D3) during the 3rd sampling period.

For n-butyl isocyanate, all four of the application background samples had results less

than MDL. Of the eighty application samples collected (spikes, blanks, background and the lower of the collocated samples excluded) none were found to be above the EQL, five sample results were detected and seventy-five sample results were <MDL. The highest concentrations are the detected samples and were observed at the north and south sampling sites during the 7th sampling period and at the north sampling site during the 9th sampling period.

AMBIENT STUDY

<u>For benomyl</u>, of the one-hundred-twenty <u>ambient</u> samples collected (spikes, blanks and the lower of collocated samples excluded), eight were found to be above the EQL, five were found to have results of "detected", one-hundred-six were below the MDL and the remaining sample (PLA9) was invalidated due to a broken resin tube. The highest benomyl concentration, 1.2x10² ng/m³ (10 pptv), was observed at Schelby Elementary School (SCH1) on January 31, 2000. **However, all eight samples above the EQL were found to be false positives by Liquid Chromatography/Mass Spectrometry (LC/MS) confirmation analyses**.

<u>For n-butyl isocyanate</u>, of the one-hundred-twenty <u>ambient</u> samples collected (spikes, blanks and the lower of collocated samples excluded), none were found to be above the EQL, none were found to have results of "detected", one-hundred-nineteen were below the MDL and the remaining sample (SCH22) was invalidated due to laboratory error.

CONFIRMATION ANALYSES

All samples with results above the EQL were submitted to the California Department of Food and Agriculture (CDFA) laboratory for confirmation analyses by LC/MS. The ambient results were suspected to be "false positives" due to the presence of an analytical interference with a slightly longer (7 seconds) chromatographic retention time. The ambient results above the EQL were shown to be false positives. The application study results above the EQL were shown to be true positives. The confirmation analyses results are listed in Table 25.

Acknowledgments

ARB Staff collected the ambient and application samples. Assistance was provided by the Fresno County Agricultural Commissioner's Office. Jim Omand and Terry Houston of the Special Analysis Section Laboratory performed method development and chemical analyses. Neil Adler of the Testing Section prepared the sampling trains.

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Report for the Application And Ambient Air Monitoring for Benomyl

I. Introduction

At the request of the California Department of Pesticide Regulation (DPR) (November 1, 1999 Memorandum, Helliker to Lloyd and November 23, 1999 Memorandum, Segawa to Castronovo), the Air Resources Board (ARB) staff determined airborne concentrations of the pesticide benomyl and its breakdown products carbendazim and n-butyl isocyanate (BIC). Benomyl and carbendazim cannot be distinguished by the monitoring method and are reported as total benomyl. For the remainder of this report, reference to "benomyl monitoring results" will represent the sum of benomyl and carbendazim. Application monitoring was conducted in Fresno County around the use of benomyl as a fungicide on 81 acres of almonds from February 24 to 29, 2000. Ambient monitoring was conducted to coincide with the use of benomyl on almonds, grapes and stone fruits in Merced, Madera, and Fresno Counties from January 31 to March 10, 2000. This monitoring was done to fulfill the requirements of AB 1807/3219 (Food and Agricultural Code, Division 7, Chapter 3, Article 1.5) which requires the ARB "to document the level of airborne emissions.... of pesticides which may be determined to pose a present or potential hazard..." when requested by DPR. The ARB Special Analysis Section Laboratory conducted the method development and sample analyses. ARB Testing Section staff conducted site selection for the application and ambient studies and sample collection for the application studies. ARB Air Quality Surveillance Branch staff conducted sample collection for the ambient study.

The protocol for the application and ambient air monitoring is enclosed separately as Appendix I (page 54 through 94 of a separate volume of appendices to this report).

The laboratory report, "Benomyl Method Development and Benomyl Analytical Results for Ambient Monitoring and Application Samples", is enclosed separately as Appendix II (page 95 through 117 of the separate volume of appendices to this report). The laboratory report, "n-Butyl Isocyanate Method Development and n-Butyl Isocyanate Analytical Results for Ambient Monitoring and Application Samples", is enclosed separately as Appendix III (page 126 through 145 of the separate volume of appendices to this report). The sampling/analysis Standard Operating Procedures (SOP) are also enclosed in Appendix II and III (page 118 through 125 and 146 through 153, respectively, of the separate volume of appendices to this report).

The DPR's November 23, 1999 memorandum, "Use Information and Air Monitoring Recommendation for the Pesticide Active Ingredient Benomyl" is enclosed separately as Appendix IV (page 154 of the separate volume of appendices to this report) and the "Pesticide Use Recommendation" from Helena Chemical Company is enclosed as Appendix V (page 171 of the separate volume of appendices to this report).

The ambient and application field log sheets are enclosed separately as Appendices VI (page 173), VII (page 184), VIII (page 194) and IX (page 200).

The benomyl and n-butyl isocyanate application meteorological monitoring results are enclosed separately as Appendix X (pages 206-214).

II. Sampling

A sketch of the sampling apparatus is shown in Figure 5. Samples were collected by passing a measured volume of ambient air through XAD-2 resin. Benomyl and n-butyl isocyanate were sampled and analyzed from separate resin tubes. The XAD-2 resin tubes were obtained from SKC (#226-30-06). Rotameters were used to control sample flow rates. The rotameters were adjusted to the correct flow, 2.5 liters per minute (lpm)¹ for benomyl and 30 cubic centimeters per minute (ccpm)² for BIC, before each sampling period and checked at the end of each sampling period using calibrated digital mass flow meters. The sampling system operated continuously with the exact operating interval noted. Samplers were leak checked before each sampling period with the sampling cartridges installed. Any change in the flow rates was recorded in the field log sheets (see appendices VI through IX). The resin tubes were protected from direct sunlight and supported about 1.5 meters above the ground (or roof) during the sampling period. At the end of each sampling period the tubes were capped and placed in culture tubes with an identification label affixed. The field log sheets were used to record start and stop times, sample identifications, start and stop flow rates and any other significant comments. Subsequent to sampling, the samples were shipped or transported on dry ice, as soon as reasonably possible, to the Special Analysis Section Laboratory in Sacramento. The samples were then stored in the freezer until extraction and analysis. A chain of custody sheet accompanied all samples.

A. Application Monitoring

The DPR's monitoring recommendation for benomyl suggested that application-site air monitoring should be conducted in Merced, Madera, Fresno or Kern Counties, during the same months as the ambient study, in association with benomyl use on almonds or grapes at the highest rates of use; i.e., about 6.0 pounds per acre. The DPR recommendation may be incorrect though, as ARB staff found that growers normally apply only up to 1 pound per acre for almonds, and 1-2 pounds per acre for grapes. This application monitoring was conducted during an application of 0.5 pounds per acre to almonds. Very few growers were using benomyl and 0.5 pounds/acre was the highest application rate available at that time. It seems that most growers had switched to a different chemical and this resulted in fewer growers using benomyl.

¹ In standard units (i.e., not corrected to actual conditions)

² Flow rate units of ccpm are equivalent to mlpm (milliliters per minute) and are in standard units (i.e., not corrected to actual conditions).

An 81-acre almond field in Fresno County (composed of two adjacent plots) was chosen for the application monitoring site. Refer to Figures 2, 3 and 4 for diagrams of the application site. Refer to Appendix V (page 171) for a copy of the pesticide use recommendation.

Information collected regarding the application included: 1) the orientation of the field with respect to North (identified as geographic north), 2) an accurate record of the positions of the monitoring equipment with respect to the field, including the distance each monitor is positioned away from the edge of the field and an accurate drawing of the monitoring site showing the precise location of the monitoring equipment and any wind obstacles with respect to the field, 3) the field size, 4) the application rate, 5) formulation and 6) method and length of application. Details regarding the site and application are summarized below in Table 1.

Table 1 Application Information

Range/Township/Section: R17E/T14S/S4 - SE1/4 of SE1/4, S3 - SW1/4 of SW1/4

Product Applied: Benlate SP (50% benomyl A.I. by weight)

Captan (48.9% A.I. by weight)

Type of Application: Ground (tractor) blower spray

Application Rate: 1 lb. product in 100 gallons water per acre for Benlate SP

(0.5 lbs. benomyl A.I. per acre)

6 lbs. Product in 100 gallons water per acre for Captan

(2.93 lbs. captan A.I. per acre)

Grower/Applicator: Mike Wilson

A three day monitoring period was recommended in the DPR's November 23, 1999 memorandum with intended sampling times as follows: (where the first sample is started at the start of application) during application, followed by a 1-hour sample, a 2-hour sample, a 3-hour sample (or up to 1 hour before sunset), a 6-hour sample (or up to 1 hour before sunset), overnight (until 1 hour after sunrise), daytime (until 1 hour after sunrise).

Background samples were taken at each position as shown in Figure 2 to establish if any benomyl was detectable in the air before the application (i.e., from nearby applications). The background samples were collected from 1635 to 0805, February 24 to 25, 2000 (15 1/2 hours). The application was conducted over two days. Referring to Figures 3 and 4 the sampler setup was different for each day of application due to miscommunication between the grower and the ARB staff. The grower had initially indicated that only the plot on the west side of Trinity Avenue would receive application of benomyl and so the monitors for background sampling and the "1st Application" were set up only around this field. However, the application continued to the plot on the east

side of Trinity Avenue on the first day and was completed on the 2nd application day. The first application started at 0805 and ended at 1805 on February 25, 2000. The samplers were moved to appropriate positions around both plots at the end of the 1st application. The blower spray application was conducted by tractor and started in the southeast corner of the 46 acre lot with east/west passes and ended in the west middle side of the 36 acre lot (see Figure 3). The second application started at 0625 and ended at 1105 on February 26, 2000. The second application began at the location where the first application ended (see Figure 4). Table 2 lists the approximate sampling periods.

Table 2
Application Sampling Periods

<u>Period</u>	Approx. # Hours	<u>Date</u>	<u>Time</u>
Background	15 1/2 hours	2/24/00 - 2/25/00	1635 to 0805
1 (1 st application)	10 hours	2/25/00 - 2/25/00	0805 to 1825
2 (overnight)	12 1/2 hours	2/25/00 - 2/26/00	1825 to 0700
3 (2 nd application)	4 1/2 hours	2/26/00 - 2/26/00	0700 to 1030
4	1 hour	2/26/00 - 2/26/00	1030 to 1130
5	2 hours	2/26/00 - 2/26/00	1130 to 1330
6	3 1/4 hours	2/26/00 - 2/26/00	1330 to 1645
7 (overnight)	14 3/4 hours	2/26/00 - 2/27/00	1645 to 0735
8	9 1/2 hours	2/27/00 - 2/27/00	0735 to 1650
9 (overnight)	14 1/2 hours	2/27/00 - 2/28/00	1650 to 0730
10	24 hours	2/28/00 - 2/29/00	0730 to 0735

For the first application eight samplers were positioned, one on each side of the "west" field and on each corner. A ninth sampler was collocated at the east position. The south samplers were positioned approximately 65 feet from the field, all the north samplers were approximately 20 feet away, the west sampler was 38 feet and the east sampler was 52 feet from the field. For the second sampling period (1st overnight) eight samplers were re-positioned to surround the entire 82 acre lot, one on each corner and two each on the south and north side. A ninth sampler was collocated at the northeast side (N2). Both southeast samplers were approximately 25 feet from the field, the two southwest samplers were 65 feet away and the north samplers were approximately 20 feet away from the field. All the samplers were approximately at the same elevation relative to the field.

The meteorological station (oriented toward geographic north) was positioned at the west side of the field. The meteorological station was set up to determine wind speed and direction, air temperature, barometric pressure and relative humidity. The raw meteorological station data is available on a 1.44 MB diskette (comma delimited text

format). Appendix X lists the meteorological station data in 15-minute averages for the test period. ARB staff noted the degree of cloud cover on the sample log sheet whenever sample cartridges were changed. The sky conditions were overcast to partly cloudy during the study period.

B. Ambient Monitoring

Ambient monitoring was conducted to coincide with the use of benomyl on almonds and grapes in Merced, Madera and Fresno Counties from January 31 to March 10, 2000. Five sampling sites were selected by ARB personnel from the areas of Merced, Madera and Fresno Counties where almonds and grape farming occurs and in populated areas or in areas frequented by people. Sites were selected with considerations for both accessibility and security of the sampling equipment. Urban background samples were collected at the ARB air monitoring station in downtown Fresno. The five sites are presented in Figure 1 and are listed in Table 3. Figure 1 shows the sampling sites relative to benomyl use in the area in 1998. Twenty-four hour (approximately) samples were taken Monday through Friday (40 samples/week) at a flow rate of 2.5 Lpm for benomyl and 30 ccpm for BIC. Twenty-four discreet sampling days were monitored at each site for a total of 120 samples (plus 30 collocated samples, 12 trip blanks and 10 quality assurance spikes) were collected.

Table 3 Ambient Sampling Sites

∜ SCH	Schelby Elementary School 6738 N. Sultana Livingston, CA 95334 Coordin Range/Township/Section: R12E/T6S/S29	(209) 358-0408 Richard Kleitman nator, Special Education 9 – W1/2 of NW1/4
√ PLA	Plainsburg Elementary School 3708 South Plainsburg Road Merced, CA 95340 Range/Township/Section: R15E/T8S/S15	(209) 389-4707 James Tesone Superintendent 5 – W1/2 of SW1/4
\ HOW	Howard Elementary School 13878 Road 21 1/2 Madera, CA 93637 Range/Township/Section: R17E/T11S/S3	(559) 674-5868 Dr. Julia O'Kane Superintendent 30 – NE1/4 of NW1/4
⁽¹⁾ RIV	Riverview Elementary School 8662 S. Lac Jac Avenue Parlier, CA 93648 Range/Township/Section: R23E/T15S/S2	(559) 637-1210 Ext:213 Dr. Rod Frese Asst. Superintendent 21 – NW1/4 of SW1/4

ARB ARB Air Monitoring Station 3425 N First, Suite 205B Fresno, CA 93726-6819 (559) 228-1825 Dave Wilkerson

Range/Township/Section: R20E/T13S/S22 - SE1/4 of SE1/4

The Schelby Elementary School is in the small city of Livingston on the east side of Hwy 99. There were almond orchards to the west at a distance of 150 yards, north at 80 yards, east at 100 yards and southeast at 250 yards. There were grapes directly south about 200 yards. The sampling unit was placed on the roof on one of the school buildings on the east side. The sampling cartridges were positioned approximately 15 feet above the ground.

The Plainsburg Elementary School is in the small town of Plainsburg on the east side of Hwy 99. There were almond orchards to the north approximately 30 yards and east approximately 200 yards. The sampling unit was placed on the roof of the school auditorium, which was located on the north side of the school. The sampling cartridge was positioned approximately 24 feet off the ground. The sampler was positioned 12 feet from a secondary rooftop that was 6 feet higher on the south side of the auditorium.

The Howard Elementary School is located in the small city of Madera on the west side of Hwy 99. There were almond orchards directly north, northwest and northeast approximately 85 yards from the school. The sampling unit was placed on the rooftop of the school's kitchen, which was attached to the cafeteria, located on the north side of the school (the cafeteria roof was 5 feet higher than the kitchen's roof). The sampling cartridge was positioned approximately 11 feet from the ground and 12 feet away from the cafeteria's roof.

The Riverview Elementary School is located on the west side of Reedley and just east of Hwy 99. There were possible peach orchards 90 yards west and almond orchards approximately 200 yards northwest. There was a warehouse and tall trees directly north approximately 50 yards. The sampling unit was placed on the ground inside a fenced area. There was an electrical circuit unit behind the sampler approximately 5 feet away and a pump house west of the sampler approximately 30 feet. The sampling cartridge was positioned 5 feet from the ground.

The background monitoring was conducted at the ARB air monitoring site in a residential/business area in Fresno. The sampler was placed on a second-story roof near other monitoring equipment at a height of approximately 30 feet. The sampling cartridges were positioned approximately 5 feet above the roof. Thus, air was sampled through the cartridges at a height of approximately 35 feet.

III. Analytical Methodology

The SOP for sampling and analysis of benomyl is enclosed in Appendix II (page 118). The procedures specify that the exposed XAD-2 sorbent tubes are stored in an ice chest on dry ice or in a freezer until desorbed with 4 ml of acentonitrile. After sonication the extracts are held at room temperature for a minimum of 8 hours prior to analysis to allow the conversion of benomyl to its breakdown product carbendazim. The injection volume is $100~\mu L$. The High Performance Liquid Chromatography (HPLC) method employs an isocratic mobile phase and a silica C18 bonded stationary phase with ultraviolet spectrometric detection at 280 nm. Results are reported as total benomyl and represent the sum of the benomyl and carbendazim collected in the air samples.

The SOP for sampling and analysis of n-butyl isocyanate is enclosed in Appendix III (page 146). The procedures specify that the exposed XAD-2 resin tubes are stored in an ice chest on dry ice or in a freezer until extracted with 3 ml of dichloromethane (DCM) and placed in a sonicator. A gas chromatograph with a DB-5MS capillary column and a quadrapole mass spectrometer (MS) is used for analysis. The MS detector is operated in selected ion monitoring mode.

IV. Application and Ambient Results

Tables 4 and 7 present the results of application monitoring for benomyl and BIC, respectively. Summaries of the application results are presented in Tables 5 and 8 respectively. The benomyl and BIC ambient monitoring results are presented in Table 10 and are summarized in Table 11.

For benomyl, the Special Analysis Section Laboratory determined the analytical MDL as 3.14 x s (from 40 CFR 136, Appendix B); where s is the standard deviation calculated for the results of seven replicate standard injections (near the estimated detection limit). The MDL was 34.0 ng/sample. The estimated quantitation limit (EQL), calculated as 5 times the MDL, was 170 ng/sample. For n-butyl isocyanate, the Special Analysis Section Laboratory determined the analytical MDL as 3.14 x s; where s is the standard deviation calculated for the results of seven replicate resin spikes (near the estimated detection limit). The MDL was 60.2 ng/sample and the EQL was 301 ng/sample. Results equal to or above the MDL but below the EQL are reported as detected (DET). Laboratory results, in units of ng/sample, equal to or above the EQL are reported to 3 significant figures. Air concentration results (in units of ng/m³ and pptv) are reported to 2 significant figures. The air concentration, expressed in units of ng/m³ (or pptv), associated with the EQL is dependent on the volume of air sampled, which varies from sample to sample. For a 24-hour sampling period at 2.50 Lpm the air concentration would be 4.7x10¹ ng/m³ (0.4x10¹ pptv) for benomyl and for a 24-hour sampling period at 30 ccpm the air concentration would be 7.0x10³ ng/m³ (1.7x10³ pptv) for BIC as associated with the EQL's.

The equation used to convert benomyl air concentration from units of ng/m³ to pptv units at 1 atmosphere and 25 °C is shown below.

pptv =
$$(ng/m^3) \times (0.0820575 \text{ liter-atm/mole-}^\circ\text{K})(298^\circ\text{K}) = (0.08423 \text{ nL/ng}) \times (ng/m^3)$$
 (1 atm)(290.3 gram/mole)

The equation used to convert BIC air concentration from units of ng/m³ to pptv units at 1 atmosphere and 25 °C is shown below.

pptv =
$$(ng/m^3) \times (0.0820575 \text{ liter-atm/mole-}^\circ\text{K})(298^\circ\text{K}) = (0.24663 \text{ nL/ng}) \times (ng/m^3)$$

(1 atm)(99.15 gram/mole)

A. Benomyl Application Monitoring Results

The benomyl application sample results have also been summarized as associated with sampling period wind roses in Figures 6 through 16. The spokes of the wind roses correspond to the compass direction of origin of the wind. The segments of each spoke correspond to incremental increases in wind speed (knots), as illustrated by the legends. The length of the spoke (and each segment) corresponds to the portion of the sampling time that the wind was from that direction (at that speed).

All four of the application background samples had results less than MDL. Of the eighty application samples collected (spikes, blanks, background and the lower of the collocated samples excluded) six were found to be above the EQL, three sample results were detected and seventy-one sample results were <MDL. The highest concentration, 3.8×10^2 ng/m³ (32 pptv), was observed at the collocated north-sampling site (CN2D3) during the 3rd sampling period.

B. n-Butyl Isocyanate Application Monitoring Results

The n-butyl isocyanate application sample results have also been summarized as associated with sampling period wind roses in Figures 4 through 14. The spokes of the wind roses correspond to the compass direction of origin of the wind. The segments of each spoke correspond to incremental increases in wind speed (knots), as illustrated by the legends. The length of the spoke (and each segment) corresponds to the portion of the sampling time that the wind was from that direction (at that speed).

All four of the application background samples had results less than MDL. Of the eighty application samples collected (spikes, blanks, background and the lower of the collocated samples excluded) none were found to be above the EQL, five sample results were detected and seventy-five sample results were <MDL. The highest concentrations are the detected samples and were observed at the north and south sampling sites during the 7th sampling period and at the north sampling site during the 9th period.

C. Ambient Monitoring Results

For benomyl, of the one-hundred-twenty ambient samples collected (spikes, blanks and the lower of collocated samples excluded), eight were found to be above the EQL, five were found to have results of "detected", one-hundred-six were below the MDL and the remaining sample (PLA9) was invalidated due to broken resin tube. The highest benomyl concentration, 1.2x10² ng/m³ (10 pptv), was observed at Schelby Elementary School (SCH1) on January 31, 2000. However, all sample results above the EQL were shown to be false positives by LC/MS confirmation analyses (see Section IV.D.).

<u>For n-butyl isocyanate</u>, of the one-hundred-twenty ambient samples collected (spikes, blanks and the lower of collocated samples excluded), none were found to be above the EQL, none were found to have results of "detected", one-hundred-nineteen were below the MDL and the remaining sample (SCH22) was invalidated due to laboratory error.

D. Confirmation Analyses

All samples with results above the EQL were submitted to the California Department of Food and Agriculture (CDFA) laboratory for confirmation analyses by LC/MS. The ambient results were suspected to be "false positives" due to the presence of an analytical interference with a slightly longer (7 seconds) chromatographic retention time. The ARB and CDFA results are listed in Table 25. All ambient samples analyzed by CDFA were below their reporting limit of 30 ng/ml. Thus, the ambient results reported above the EQL were confirmed to be false positives. The application samples analyzed showed good agreement between both methods except one. Thus, the application study results confirmed by LC/MS analyses are true positives.

Seven negative (<MDL) samples were sent to CDFA for confirmation. All seven negative samples, positive as reported by the ARB instrument, were negative when subjected to statistical analysis of the retention time. The LC/MS confirmation found all seven samples to be below the CDFA reporting limit. These negative results indicate that false negatives are not a problem with the ARB results.

V. Quality Assurance

Field quality control (QC) for the <u>application</u> monitoring included the following:

Ten field spikes (same environmental and experimental conditions as those occurring at the time of ambient sampling). The field spikes were obtained by sampling ambient air at the background monitoring site for 15 1/2-hour periods at 2.5 Lpm and 30 ccpm for benomyl and BIC, respectively (i.e., collocated with a background sample). Three sample

- cartridges were spiked at 2xEQL and three at 10xEQL for benomyl. Four sample cartridges were spiked at 2xEQL for BIC.
- 2) Ten trip spikes prepared at the same levels as the field spikes, (Six trip spikes for benomyl and four for BIC).
- 3) Ten lab spikes prepared at the same level as the field and trip spikes, (Six lab spikes for benomyl and four for BIC).
- Collocated (replicate) samples were collected at one of the eight sampling sites (N2) for all sampling periods.
- 5) Two Trip blanks were obtained during sampling, one each for benomyl and BIC.

Field QC for the ambient monitoring included the following:

- Ten field spikes (same environmental and experimental conditions as those occurring at the time of ambient sampling). The field spikes were obtained by sampling ambient air at the urban background monitoring site for 24 hour periods at 2.5 Lpm and 30 ccpm for benomyl and BIC, respectively (i.e., collocated with a background sample). Three sample cartridges were spiked at 2xEQL and three at 10xEQL for benomyl. Four sample cartridges were spiked at 2xEQL for BIC.
- 2) Ten trip spikes prepared at the same level as the field spikes. Six trip spikes for benomyl and four for BIC.
- 3) Ten lab spikes prepared at the same level as the field and trip spikes. Six lab spikes for benomyl and four for BIC.
- 4) Collocated (replicate) samples were taken for six dates at each sampling location.
- 5) Twelve Trip blanks were obtained, six each for benomyl and BIC.

Rotameters were used to control the sampling flow rate. The flow rates were set at the start of every sampling period (every sample) using a calibrated digital mass flow meter (battery operated). The flow rates were also checked and recorded at the end of each sampling period using the mass flow meter. The ARB Standards Laboratory calibrated the mass flow meters.

VI. Quality Assurance Results

A. <u>Method Development</u>

Refer to Appendix II and III (pages 95 and 126, respectively) for discussion and results of method development studies. The freezer storage stability study results show that benomyl is stable for at least 8 weeks and BIC is stable for at least 6 weeks. For benomyl, all ambient and application samples were analyzed within 28 days of receipt. For BIC, all ambient samples were analyzed within 7 days of receipt and all application samples were analyzed within 22 days of receipt.

B. Trip Blanks

The application trip blanks (1 for benomyl and 2 for BIC) and the 12 ambient trip blanks all had results of <MDL for benomyl and BIC. The trip blank #134 was not analyzed for BIC because the tube broke during preparation for analysis.

C. Application Background Sample Results

All eight (four each for benomyl and BIC) of the application background samples had results less than MDL for benomyl and BIC.

D. <u>Collocated Sample Results</u>

Referring to Table 6, none of the collocated pairs of samples for the benomyl application study had both results above the EQL. Six pairs had results <MDL, two pairs had results with one sample each above the EQL and the other <MDL, one pair had one sample <MDL the other a "detected", and the last pair had one sample above EQL and a "detected".

Referring to Table 9, none of the collocated pairs of samples for the BIC application study had both results above the EQL. Eight pairs had results <MDL, one pair had both results "detected" and the last pair had one sample with a "detected" and the other <MDL.

Referring to Table 12, three of the benomyl ambient collocated pairs had both results above the EQL (confirmed as false positives) and three pairs had one sample with a "detected" and the other <MDL. All the other benomyl pairs were <MDL. None of the BIC ambient collocated pairs had both results above the EQL.

E. <u>Laboratory, Trip and Field Spikes</u>

Laboratory, trip and field spikes are normally all prepared at the same time and at the same level, (benomyl used two levels for this study). The spikes are prepared in replicate sets of six (6) for benomyl and four (4) for BIC. The laboratory spikes are

placed immediately in a freezer and kept there until extraction and analysis. The trip spikes are kept in a freezer until transported to the field. The trip spike samples are kept on dry ice in an ice chest (the same one used for samples) during transport to and from the field and at all times while in the field except for trip spike sample log-in and labeling. The field spikes are kept in a freezer until transported to the field. The field spike samples are kept on dry ice in an ice chest (the same one used for samples and trip spikes) during transport to and from the field and at all times while in the field except for the sampling period. Field spikes were collected at the same environmental and experimental conditions as those occurring at the time of ambient sampling. The field spikes were obtained by sampling ambient air through the previously spiked cartridges and are collocated with an ambient sample. The extraction and analysis of laboratory, trip and field spikes normally occurs at the same time. Laboratory, trip and field spikes for the application and ambient studies were prepared by Special Analysis Section staff.

1) Benomyl

- a) <u>Laboratory Spikes</u>: The laboratory spike results for the application and ambient studies are listed in Tables 13 and 16, respectively. Three of the spike cartridges were spiked with 250 ng of benomyl and three were spiked with 2000 ng of benomyl. The average recovery for the application lab spikes was 69%. The average recovery for the ambient lab spikes was 83%.
- b) <u>Trip Spikes:</u> The trip spike results for the application and ambient studies are listed in Tables 14 and 17, respectively. Three of the spike cartridges were spiked with 250 ng of benomyl and three were spiked with 2000 ng of benomyl. The average recoveries for the application trip spikes were 75% and for the ambient trip spikes was 86%. These results are consistent with the lab spike results and indicate that the sample transport, storage and analytical procedures used in this study produce acceptable results for benomyl.
- c) Field Spikes: The field spike results for the application and ambient studies are listed in Tables 15 and 18, respectively. Three of the spike cartridges were spiked with 250 ng of benomyl and three were spiked with 2000 ng of benomyl. The average recovery for the application field spikes was 83% and for the ambient field spikes was 110%. The results are consistent with the lab and trip spike results and indicate that the sampling, sample transport, storage and analytical procedures used in this study produce acceptable results for benomyl.

2) n-Butyl Isocyanate

a) <u>Laboratory Spikes:</u> The laboratory spike results for the application and ambient studies are listed in Tables 19 and 22, respectively. Each of the spike cartridges was spiked with 200 ng of BIC. The average recovery for the application lab spikes was 59%. The average recovery for the ambient lab spikes was 70%.

- b) Trip Spikes: The trip spike results for the application and ambient studies are listed in Tables 20 and 23, respectively. Each of the spike cartridges was spiked with 200 ng of BIC. The average recoveries for the application trip spikes were 54% and for the ambient trip spikes was 71%. These results are consistent with the lab spike results and indicate that the sample transport, storage and analytical procedures used in this study produce acceptable results for BIC.
- c) <u>Field Spikes:</u> The field spike results for the application and ambient studies are listed in Tables 21 and 24, respectively. Each of the spike cartridges was spiked with 200 ng of BIC. The average recovery for the application field spikes was 53% and for the ambient field spikes was 85%. The ambient results are consistent with the lab and trip spike results and indicates that the sampling, sample transport, storage and analytical procedures used in this study produce acceptable results for BIC.

FIGURE 1
Benomyl Ambient Monitoring Area
(use map provided by DPR)

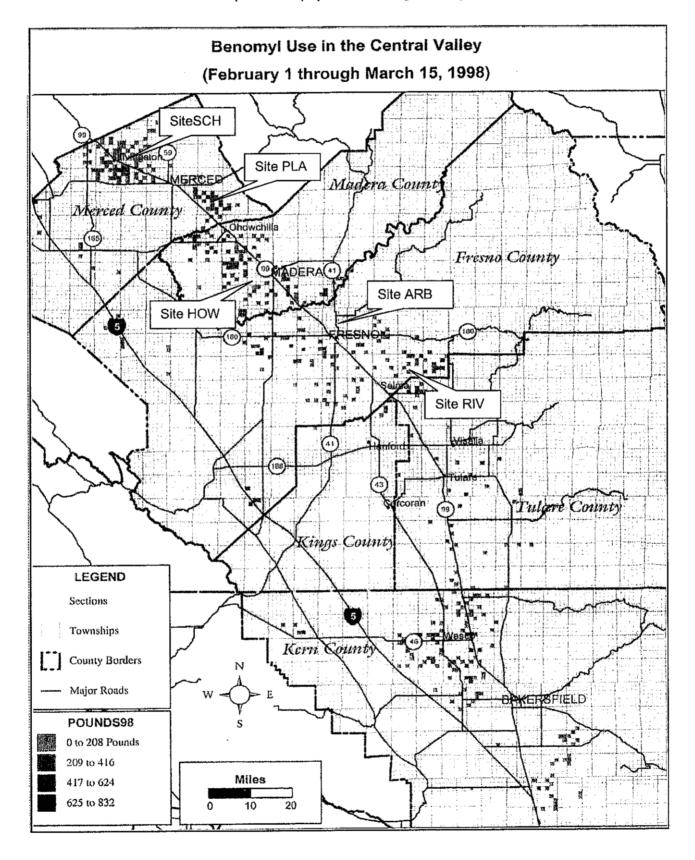


FIGURE 2
Background Application Sampler Setup

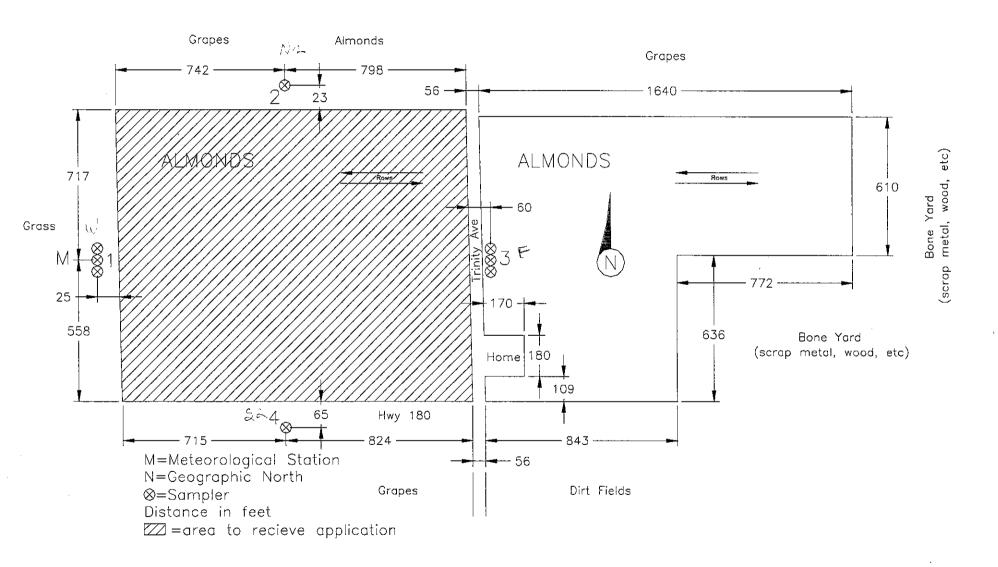


FIGURE 3

1ST Application Sampler Setup

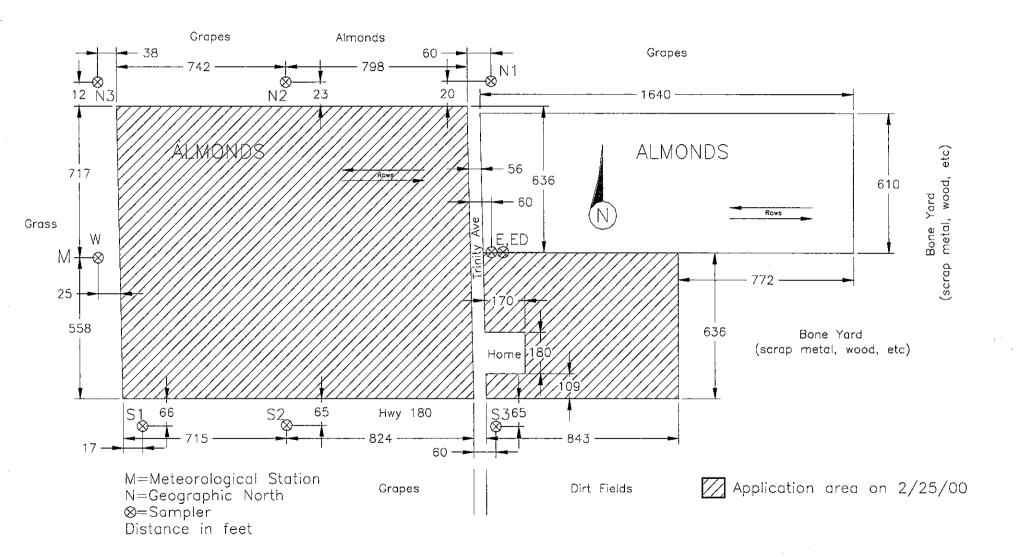
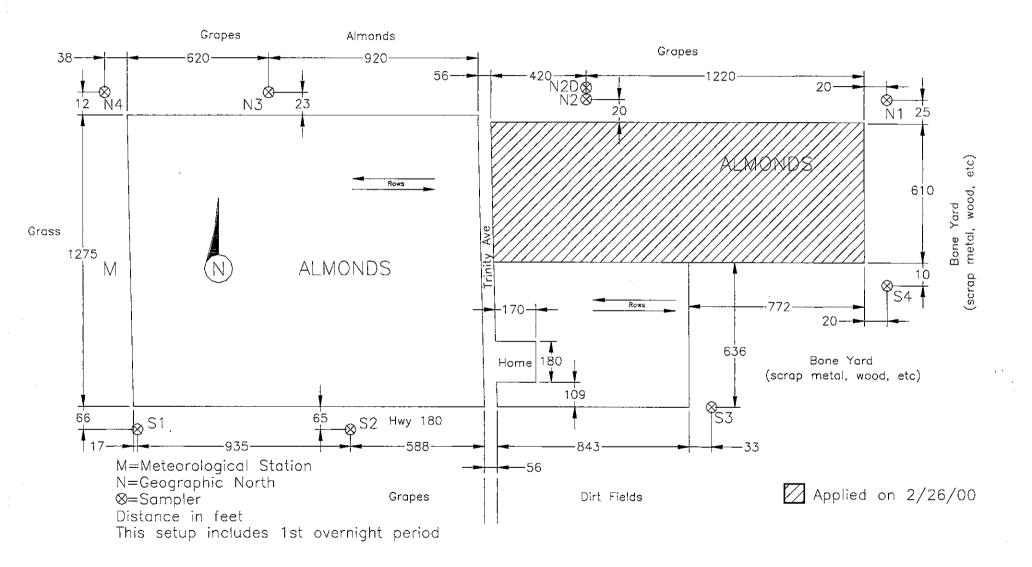


FIGURE 4 2nd Application Sampler Setup



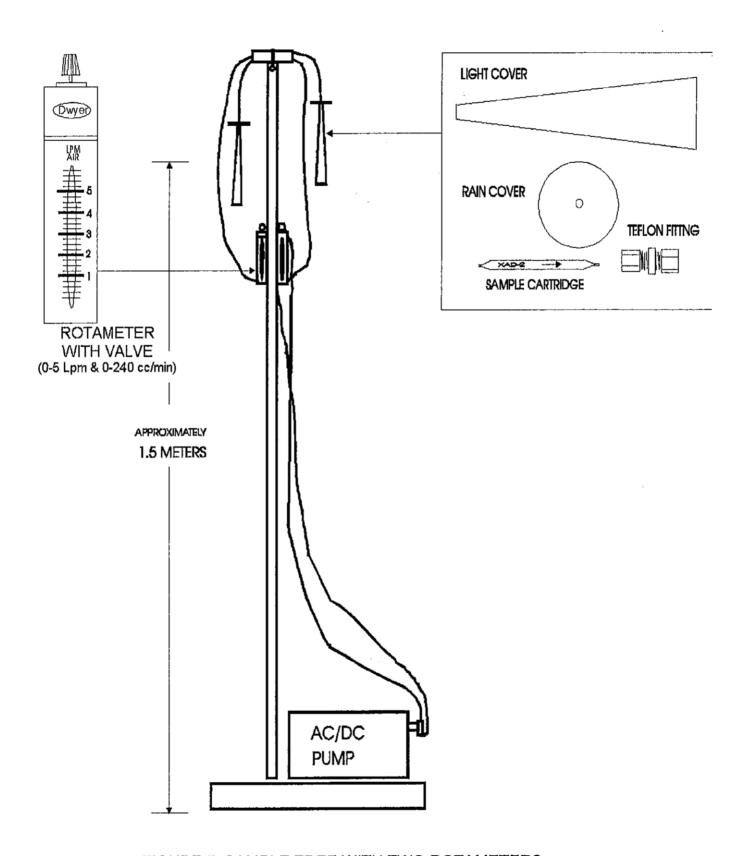
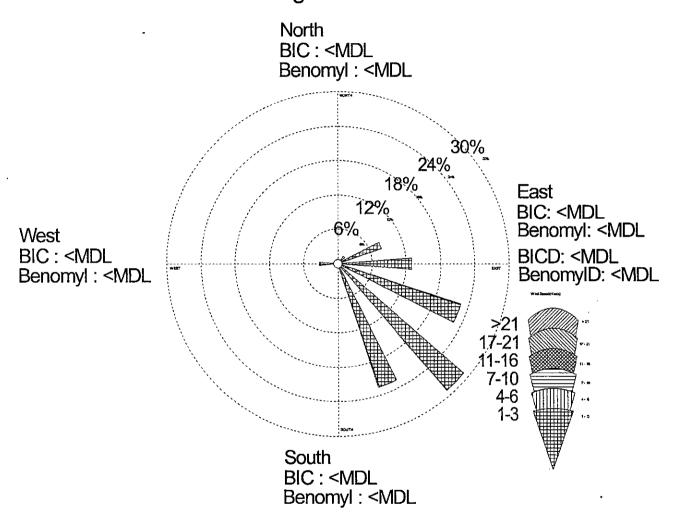


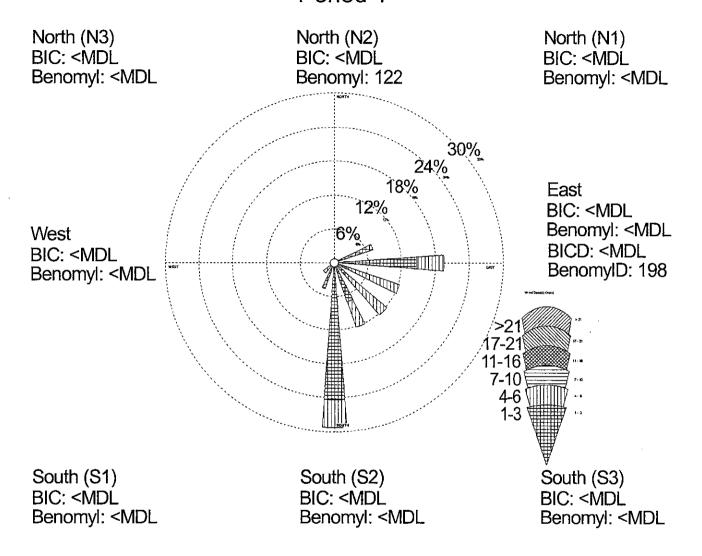
FIGURE 5: SAMPLE TREE WITH TWO ROTAMETERS

Figure 6
Benomyl Application Wind Rose Plot and Results (ng/m³)
Background Period



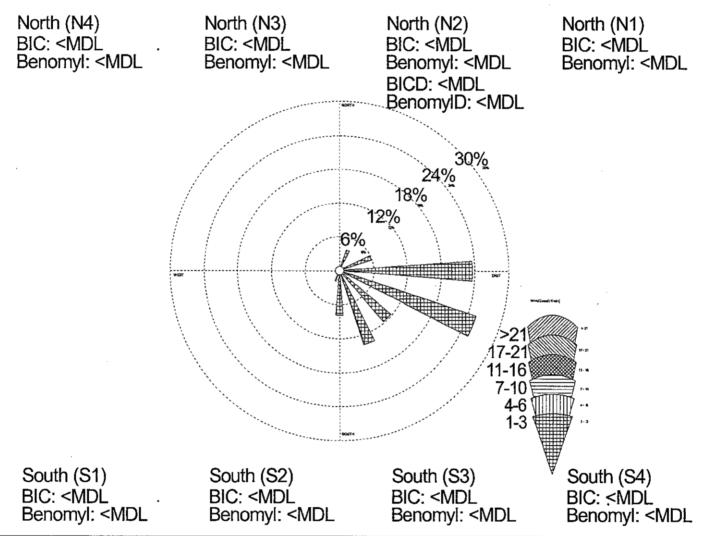
Company Name ARB	Orientation Direction (blowing from)	Avg. Wind Speed 2.06 Knots (2.37 mph)	Sample Date-Time 2/24/00 1635 to 2/25/00 0805
Display	Units	Calm Winds	Sample ID
Wind Speed	Knots	0.00%	Background Period

Figure 7
Benomyl Application Wind Rose Plot and Results (ng/m³)
Period 1



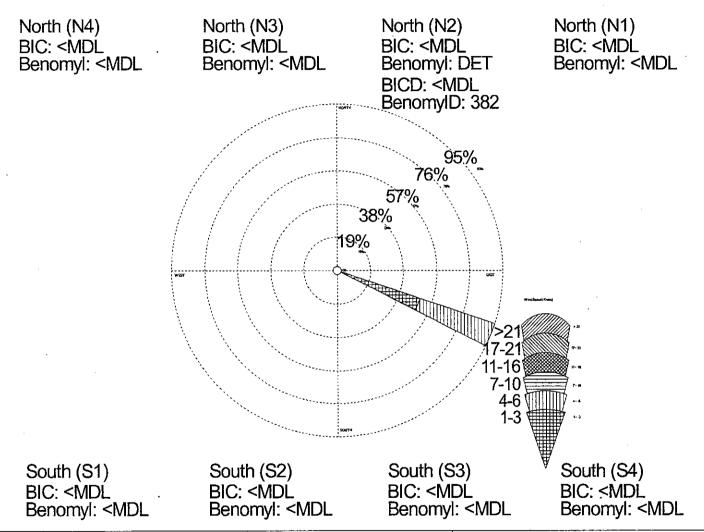
Company Name	Orientation	Avg. Wind Speed	Sample Date-Time
ARB	Direction (blowing from)	3.15 Knots (3.62 mph)	2/25/00 0805 to 2/25/00 1825
Display	Units	Calm Winds	Sample ID
Wind Speed	Knots	0.00%	Period 1

Figure 8
Benomyl Application Wind Rose Plot and Results (ng/m³)
Period 2



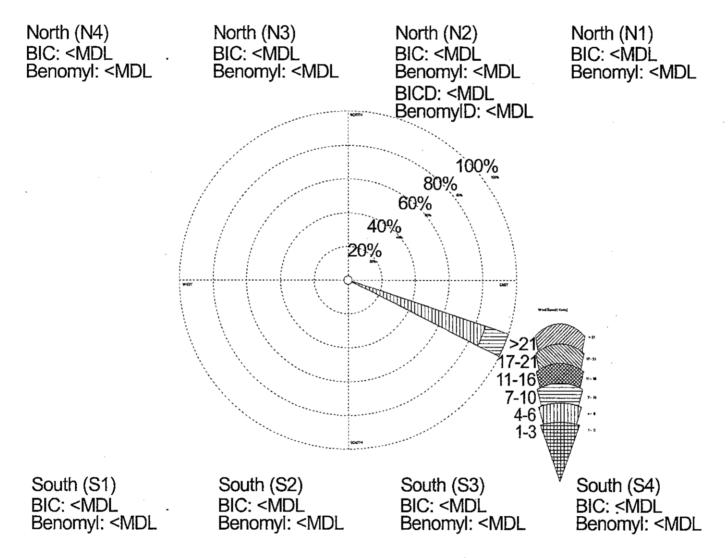
Company Name	Orientation	Avg. Wind Speed	Sample Date-Time
ARB	Direction (blowing from)	2.33 Knots (2.68 mph)	2/25/00 1825 to 2/26/00 0700
Display	Units	Calm Winds	Sample ID
Wind Speed	Knots	5.88%	Period 2

Figure 9
Benomyl Application Wind Rose Plot and Results (ng/m³)
Period 3



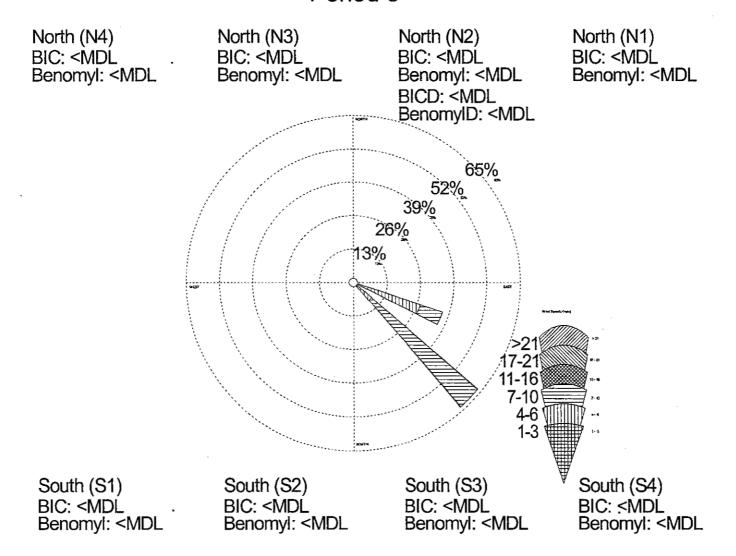
Company Name	Orientation	Avg. Wind Speed	Sample Date-Time
ARB	Direction (blowing from)	3.69 Knots (4.25 mph)	2/26/00 0700 to 2/26/00 1030
Display	Units	Calm Winds	Sample ID
Wind Speed	Knots	0.00%	Period 3

Figure 10
Benomyl Application Wind Rose Plot and Results (ng/m³)
Period 4



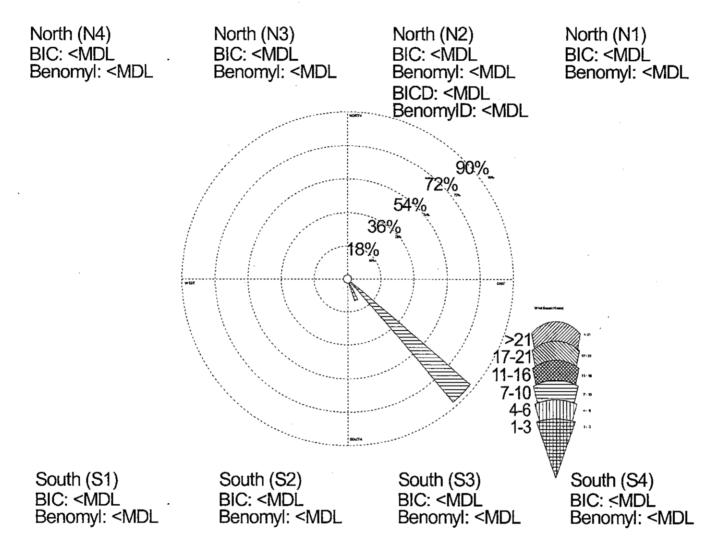
Company Name ARB	Orientation Direction (blowing from)	Avg. Wind Speed 5.80 Knots (6.67 mph)	Sample Date-Time 2/26/00 1030 to 2/26/00 1130
Display	Units	Calm Winds	Sample ID
Wind Speed	Knots	0.00%	Period 4

Figure 11
Benomyl Application Wind Rose Plot and Results (ng/m³)
Period 5



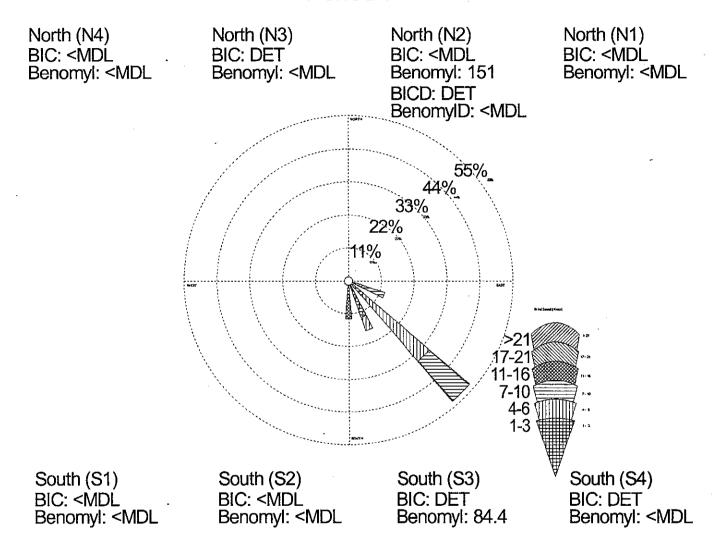
Company Name ARB	Orientation Direction (blowing from)	Avg. Wind Speed 6.99 Knots (8.04 mph)	Sample Date-Time 2/26/00 1130 to 2/26/00 1330
Display	Units	Calm Winds	Sample ID
Wind Speed	Knots	0.00%	Period 5

Figure 12
Benomyl Application Wind Rose Plot and Results (ng/m³)
Period 6



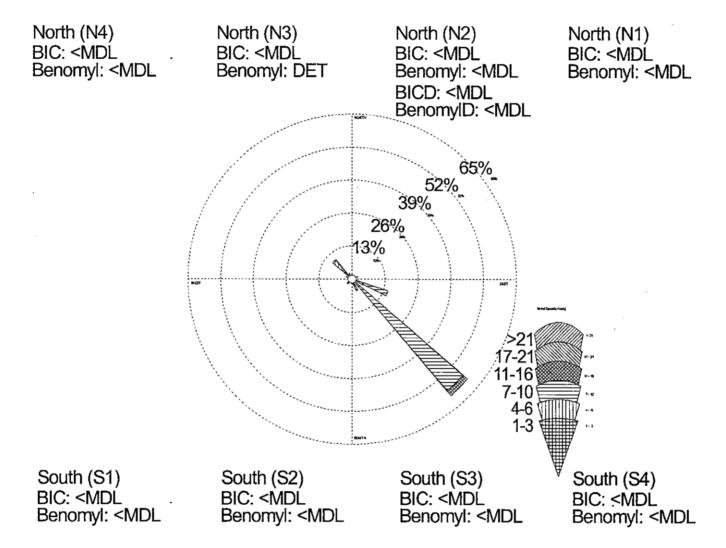
Company Name ARB	Orientation Direction (blowing from)	Avg. Wind Speed 7.10 Knots (8.17 mph)	Sample Date-Time 2/26/00 1330 to 2/26/00 1645
Display	Units	Calm Winds	Sample ID Period 6
Wind Speed	Knots	0.00%	

Figure 13
Benomyl Application Wind Rose Plot and Results (ng/m³)
Period 7



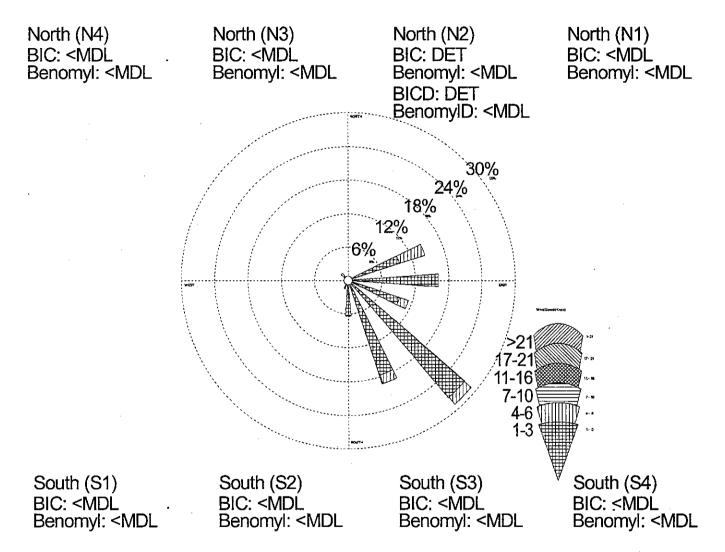
Company Name	Orientation Direction (blowing from)	Avg. Wind Speed	Sample Date-Time
ARB		6.16 Knots (7.09 mph)	2/26/00 1645 to 2/27/00 0735
Display Wind Speed	Units Knots	Calm Winds 0.00%	Sample ID Period 7

Figure 14
Benomyl Application Wind Rose Plot and Results (ng/m³)
Period 8



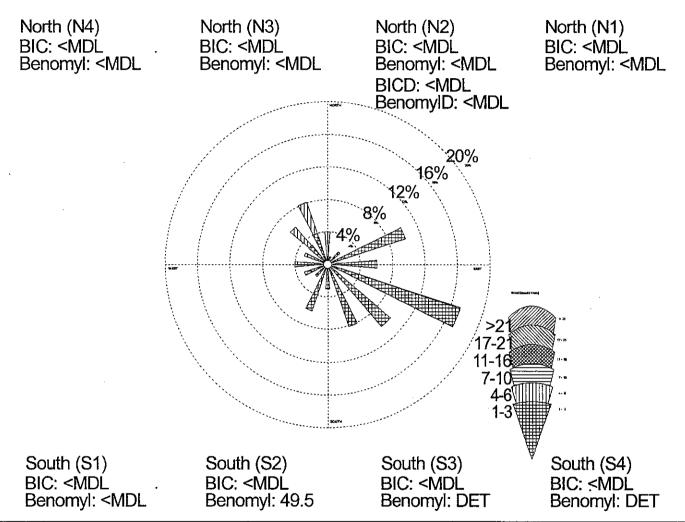
Company Name ARB	Orientation Direction (blowing from)	Avg. Wind Speed 7.33 Knots (8.43 mph)	Sample Date-Time 2/27/00 0735 to 2/27/00 1650
Display Wind Speed	Units Knots	Calm Winds 0.00%	Sample ID Period 8

Figure 15
Benomyl Application Wind Rose Plot and Results (ng/m³)
Period 9



Company Name ARB	Orientation Direction (blowing from)	Avg. Wind Speed 2.42 Knots (2.78 mph)	Sample Date-Time 2/27/00 1650 to 2/28/00 0730
Display	Units	Calm Winds	Sample ID
Wind Speed	Knots	0.00%	Period 9

Figure 16
Benomyl Application Wind Rose Plot and Results (ng/m³)
Period 10



Company Name ARB	Orientation Direction (blowing from)	Avg. Wind Speed 2.46 Knots (2.83 mph)	Sample Date-Time 2/28/00 0730 to 2/29/00 0735
Display	Units	Calm Winds	Sample ID
Wind Speed	Knots	6.06%	Period 10

Log	Sample	Start	End	Time	Time	Volume		Benomyl	j
#	ID	Date/Time	Date/Time	(min)	(hours)	(m³)	(ng/sample)	(ng/m³)	*(pptv) _
1	BG1WC	02/24/00 1630	02/25/00 0730	900	15.0	2.3	<mdl< td=""><td><mdl< td=""><td>/ <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>/ <mdl< td=""></mdl<></td></mdl<>	/ <mdl< td=""></mdl<>
2	BG2NC	02/24/00 1645	02/25/00 0745	900	15.0	2.3	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
3	BG3EC	02/24/00 1700	02/25/00 0755	895	14.9		<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
4	BG4SC	02/24/00 1710	02/25/00 0805	895	14.9	2.2	<mdl< td=""><td><mdl< td=""><td> <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td> <mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
11	CW1	02/25/00 0735	02/25/00 1730	595	9.9	1.5	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
12	CN21	02/25/00 0745	02/25/00 1740	595	9.9	1.5	1.82E+02	1.22E+02	1.03E+01
13	CE1	02/25/00 0755	02/25/00 1750	595	9.9	1.5	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
14	CED1	02/25/00 0755	02/25/00 1750	595	9.9	1.4	2.75E+02	1.98E+02	1.67E+01
15	CS31	02/25/00 0820	02/25/00 1755	575	9.6	1.4	<mdl< td=""><td><mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<>	· <mdl< td=""></mdl<>
16	CS11	02/25/00 0825	02/25/00 1805	580	9.7	1.4	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
17	CN31	02/25/00 0830	02/25/00 1735	545	9.1	1.4	<mdl< td=""><td><mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<>	· <mdl< td=""></mdl<>
18	CN11	02/25/00 0835	02/25/00 1745	555	9.3	1.4	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
19	CS21	02/25/00 0805	02/25/00 1800	595			<mdl< td=""><td><mdl< td=""><td>/ <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>/ <mdl< td=""></mdl<></td></mdl<>	/ <mdl< td=""></mdl<>
20	CS12	02/25/00 1825	02/26/00 0625	720	12.0	1.8	<mdl< td=""><td><mdl< td=""><td>_ / <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>_ / <mdl< td=""></mdl<></td></mdl<>	_ / <mdl< td=""></mdl<>
21	CS22	02/25/00 1830	02/26/00 0630	720	12.0	1.8	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
22	CS32	02/25/00 1835	02/26/00 0635	720	12.0	1.8	<mdl< td=""><td><mdl< td=""><td>, <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>, <mdl< td=""></mdl<></td></mdl<>	, <mdl< td=""></mdl<>
23	CS42	02/25/00 1840	02/26/00 0640	720	12.0	1.8	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
24	CN12	02/25/00 1845	02/26/00 0645	720	12.0	1.8	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
25	CN22	02/25/00 1850	02/26/00 0650	720			<mdl< td=""><td><mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<>	· <mdl< td=""></mdl<>
26	CN2D2	02/25/00 1850	02/26/00 0650	720		1.8	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
27	CN32	02/25/00 1855	02/26/00 0655	720	12.0	1.8	<mdl< td=""><td><mdl< td=""><td>, <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>, <mdl< td=""></mdl<></td></mdl<>	, <mdl< td=""></mdl<>
28	CN42_	02/25/00 1900	02/26/00 0700	720	12.0	1.8	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
29	CS13	02/26/00 0625	02/26/00 1030	245				<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
30	CS23	02/26/00 0630	02/26/00 1035	245				<mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<>	· <mdl< td=""></mdl<>
31	CS33	02/26/00 0635	02/26/00 1040	245			<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
32	CS43	02/26/00 0640	02/26/00 1045	245			<mdl< td=""><td><mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<>	· <mdl< td=""></mdl<>
33	CN13	02/26/00 0645	02/26/00 1050	245	4.1	0.6	<mdl< td=""><td><mdl< td=""><td>, <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>, <mdl< td=""></mdl<></td></mdl<>	, <mdl< td=""></mdl<>
34	CN23	02/26/00 0650	02/26/00 1055	245			DET	DET	DET
35	CN2D3	02/26/00 0650	02/26/00 1055	245	4.1	0.6	2.33E+02	3.82E+02	3.22E+01

MDL = 34 ng/sample
Det = Value was below the EQL of 170 ng/sample but ≥MDL
*pptv at 1 atm and 25 C

Log	Sample	Start	End	Time	Time	Volume		Benomyl	
#_	ID	Date/Time	Date/Time	(min)	(hours)	(m ³)	(ng/sample)	(ng/m³)	*(pptv)
36	CN33	02/26/00 0655	02/26/00 1100	245	4.1	0.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
37	CN43	02/26/00 0700	02/26/00 1105	245	4.1	0.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
38	CS14	02/26/00 1030	02/26/00 1130	60	1.0	0.1	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
39	CS24	02/26/00 1035	02/26/00 1135	60	1.0	0.2	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
40	CS34	02/26/00 1040	02/26/00 1140	60	1.0	0.1	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
41	CS44	02/26/00 1045	02/26/00 1145	60	1.0	0.2	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
42	CN14	02/26/00 1050	02/26/00 1150	60	1.0	0.1	<mdl< td=""><td><mdl< td=""><td>- <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>- <mdl< td=""></mdl<></td></mdl<>	- <mdl< td=""></mdl<>
43	CN24	02/26/00 1055	02/26/00 1155	60	1.0	0.2	<mdl< td=""><td><mdl< td=""><td>- <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>- <mdl< td=""></mdl<></td></mdl<>	- <mdl< td=""></mdl<>
44	CN2D4	02/26/00 1055	02/26/00 1155	60	1.0	0.2	<mdl< td=""><td><mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<>	· <mdl< td=""></mdl<>
45	CN34	02/26/00 1100	02/26/00 1200	60	1.0	0.1	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
46	CN44	02/26/00 1105	02/26/00 1205	60	1.0	0.1	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
47	CS15	02/26/00 1130	02/26/00 1330	120	2.0	0.3	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
48	CS25	02/26/00 1135	02/26/00 1335	120	2.0	0.3	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
49	CS35	02/26/00 1140	02/26/00 1340	120	2.0	0.3	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
50	CS45	02/26/00 1145	02/26/00 1345	120	2.0	0.3	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
51	CN15	02/26/00 1150	02/26/00 1350	120	2.0	0.3	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
52	CN25	02/26/00 1155	02/26/00 1355	120	2.0	0.3	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
53	CN2D5	02/26/00 1155	02/26/00 1355	120	2.0	0.3	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
54	CN35	02/26/00 1200	02/26/00 1400	120	2.0	0.3	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
55	CN45	02/26/00 1205	02/26/00 1405	120	2.0	0.3	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
56	CS16	02/26/00 1330	02/26/00 1645	195	3.2	0.5	<mdl< td=""><td><mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<>	· <mdl< td=""></mdl<>
57	CS26	02/26/00 1335	02/26/00 1650	195	3.3	0.5	<mdl< td=""><td><mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<>	. <mdl< td=""></mdl<>
58	CS36	02/26/00 1340	02/26/00 1655	195	3.2	0.5	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
59	CS46	02/26/00 1345	02/26/00 1700	195	3.3	0.5	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
60	CN16	02/26/00 1350	02/26/00 1705	195	3.2	0.5	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
61	CN26	02/26/00 1355	02/26/00 1710	195	3.3	0.5	<mdl< td=""><td><mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<>	. <mdl< td=""></mdl<>
62	CN2D6	02/26/00 1355	02/26/00 1710	195	3.3	0.5	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
63	CN36	02/26/00 1400	02/26/00 1715	195	3.2	0.5	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
64	CN46	02/26/00 1405	02/26/00 1720	195	3.2	0.5	<mdl< td=""><td><mdl< td=""><td>/ <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>/ <mdl< td=""></mdl<></td></mdl<>	/ <mdl< td=""></mdl<>

MDL = 34 ng/sample

Det = Value was below the EQL of 170 ng/sample but ≥MDL *pptv at 1 atm and 25 C

Log	Sample	Start	End	Time	Time	Volume		Benomyl	
#	ID _	Date/Time	Date/Time	(min)	(hours)	(m³)	(ng/sample)	(ng/m³)	*(pptv)
65	CS17	02/26/00 1645	02/27/00 0735	890	14.8	2.2	<mdl< td=""><td><mdl< td=""><td>✓ <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>✓ <mdl< td=""></mdl<></td></mdl<>	✓ <mdl< td=""></mdl<>
66	CS27	02/26/00 1650	02/27/00 0740	890	14.8	2.2	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
67	CS37	02/26/00 1655	02/27/00 0745	890	14.8	2.2	1.83E+02	8.44E+01	✓ 7.11E+00
68	CS47	02/26/00 1700	02/27/00 0750	890	14.8	2.2	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
69	CN17	02/26/00 1705	02/27/00 0755	890	14.8	2.2	<mdl< td=""><td><mdl< td=""><td> <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td> <mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
70	CN27	02/26/00 1710	02/27/00 0800	890	14.8	2.3	3.41E+02	1.51E+02	1.27E+01
71	CN2D7	02/26/00 1710	02/27/00 0800	890	14.8	2.2	<mdl< td=""><td><mdl< td=""><td>✓ <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>✓ <mdl< td=""></mdl<></td></mdl<>	✓ <mdl< td=""></mdl<>
72	CN37	02/26/00 1715	02/27/00 0805	890	14.8	2.2	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
73	CN47	02/26/00 1720	02/27/00 0810	890	14.8	2.2	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
74	CS18	02/27/00 0735	02/27/00 1650	555	9.3	1.4	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
75	CS28	02/27/00 0740	02/27/00 1655	5 <u>55</u>	9.2	1.4	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
76	CS38	02/27/00 0745	02/27/00 1700	5 <u>5</u> 5	9.3	1.4	<mdl< td=""><td><mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<>	· <mdl< td=""></mdl<>
77	CS48	02/27/00 0750	02/27/00 1705	5 <u>5</u> 5	9.2	1.4	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
78	CN18	02/27/00 0755	02/27/00 1710	555	9.3	1.4	<mdl< td=""><td><mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<>	· <mdl< td=""></mdl<>
79	CN28	02/27/00 0800	02/27/00 1715	555	9.2	1.4	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
80	CN2D8	02/27/00 0800	02/27/00 1715	555	9.2	1.4	<mdl< td=""><td><mdl< td=""><td></td></mdl<></td></mdl<>	<mdl< td=""><td></td></mdl<>	
81	CN38	02/27/00 0805	02/27/00 1720	555	9.2	1.4	DET	DET	DET
82	CN48	02/27/00 0810	02/27/00 1725	555	9.2	1.4	<mdl< td=""><td><mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<>	· <mdl< td=""></mdl<>
83	CS19	02/27/00 1650	02/28/00 0730	880	14.7	2.2	<mdl< td=""><td><mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<>	· <mdl< td=""></mdl<>
84	CS29	02/27/00 1655	02/28/00 0735	880	14.7	2.2	<mdl< td=""><td>-MDL</td><td><mdl< td=""></mdl<></td></mdl<>	-MDL	<mdl< td=""></mdl<>
85	CS39	02/27/00 1700	02/28/00 0740	880	14.7	2.2	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
86	CS49	02/27/00 1705	02/28/00 0745	880	14.7	2.2	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
87	CN19	02/27/00 1710	02/28/00 0750	880	14.7	2.2	<mdl< td=""><td><mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<>	· <mdl< td=""></mdl<>
88	CN29	02/27/00 1715	02/28/00 0755	880	14.7	2.2	<mdl< td=""><td><mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<>	· <mdl< td=""></mdl<>
89	CN2D9	02/27/00 1715	02/28/00 0755	880	14.7	2.2	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
90	CN39	02/27/00 1720	02/28/00 0800	880	14.7	2.2	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
91	CN49	02/27/00 1725	02/28/00 0805	880	14.7	2.2	<mdl< td=""><td><mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<>	· <mdl< td=""></mdl<>
92	CS110	02/28/00 0730	02/29/00 0735	1445	24.1			<mdl< td=""><td>✓ <mdl< td=""></mdl<></td></mdl<>	✓ <mdl< td=""></mdl<>
93	CS210	02/28/00 0735	02/29/00 0740	1445	24.1	3.6	1.78E+02	4.95E+01	.4.17E+00

MDL = 34 ng/sample
Det = Value was below the EQL of 170 ng/sample but ≥MDL
*pptv at 1 atm and 25 C

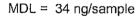
		· y · · · · · · · · · · · · · · · · ·	.,							
Log	Sample	Start	End	Time	Time	Volume		Benomyl		
#	ID	Date/Time	Date/Time	(min)	(hours)	(m ³)	(ng/sample)	(ng/m³)	*(pptv)	
94	CS310	02/28/00 0740	02/29/00 0745	1445	24.1	3.6	DET	DET	DET	
95	CS410	02/28/00 0745	02/29/00 0750	1445	24.1	3.6	DET	DET	DET	
96	CN110	02/28/00 0750	02/29/00 0755	1445	24.1	3.6	<mdl< td=""><td><mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>· <mdl< td=""></mdl<></td></mdl<>	· <mdl< td=""></mdl<>	
97	CN210	02/28/00 0755	02/29/00 0800	1445	24.1	3.6	<mdl< td=""><td><mdl< td=""><td>- <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>- <mdl< td=""></mdl<></td></mdl<>	- <mdl< td=""></mdl<>	
98	CN2D10	02/28/00 0755	02/29/00 0800	1445	24.1	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>	
99	CN310	02/28/00 0800	02/29/00 0805	1445	24.1	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>	
100	CN410	02/28/00 0805	02/29/00 0810	1445	24.1	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>	

Table 5. Summary of Benomyl Application Results (ng/m³)

Sampling Period	North	East	South	West					
Background	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td></td><td></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td></td><td></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td></td><td></td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td></td><td></td><td></td></mdl<>					
	S 1	S2	S 3	West	N1	N2	N3	East	East Collocated
Period 1/ 2	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>12x10¹</td><td><mdl< td=""><td><mdl< td=""><td>20x10¹</td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>12x10¹</td><td><mdl< td=""><td><mdl< td=""><td>20x10¹</td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>12x10¹</td><td><mdl< td=""><td><mdl< td=""><td>20x10¹</td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>12x10¹</td><td><mdl< td=""><td><mdl< td=""><td>20x10¹</td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>12x10¹</td><td><mdl< td=""><td><mdl< td=""><td>20x10¹</td></mdl<></td></mdl<></td></mdl<>	12x10 ¹	<mdl< td=""><td><mdl< td=""><td>20x10¹</td></mdl<></td></mdl<>	<mdl< td=""><td>20x10¹</td></mdl<>	20x10 ¹
							N2		
	S1	S2	S3	S4	N1	N2	Collocated	N3	N4
Period 2 %	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
Period 3	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>DET</td><td>38x10¹</td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>DET</td><td>38x10¹</td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>DET</td><td>38x10¹</td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>DET</td><td>38x10¹</td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>DET</td><td>38x10¹</td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	DET	38x10 ¹	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
Period 4 5	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
Period 5 💪	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
Period 6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
Period 7 4	<mdl< td=""><td><mdl< td=""><td>84</td><td><mdl< td=""><td><mdl< td=""><td>15x10¹</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>84</td><td><mdl< td=""><td><mdl< td=""><td>15x10¹</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	84	<mdl< td=""><td><mdl< td=""><td>15x10¹</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>15x10¹</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	15x10 ¹	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
Period 8	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>DET</td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>DET</td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>DET</td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>DET</td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>DET</td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>DET</td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	DET	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
Period 9/10	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
Period 10 🛝	<mdl< td=""><td>49</td><td>DET</td><td>DET</td><td><mdl< td=""><td><mdl< td=""><td><mdl \<="" td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl></td></mdl<></td></mdl<></td></mdl<>	49	DET	DET	<mdl< td=""><td><mdl< td=""><td><mdl \<="" td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl \<="" td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl></td></mdl<>	<mdl \<="" td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>

Table 6. Benomyl Application Collocated Results (ng/m³)

Sampling		East		*Relative
Period			Average	Difference
Period 1	<mdl< td=""><td>20x10¹</td><td>NA</td><td>NA</td></mdl<>	20x10 ¹	NA	NA
		N2		
	N2	Collocated		
Period 2	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>NA</td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>NA</td></mdl<></td></mdl<>	<mdl< td=""><td>NA</td></mdl<>	NA
Period 3	DET	38x10 ¹	NA	NA
Period 4	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>NA</td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>NA</td></mdl<></td></mdl<>	<mdl< td=""><td>NA</td></mdl<>	NA
Period 5	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>NA</td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>NA</td></mdl<></td></mdl<>	<mdl< td=""><td>NA</td></mdl<>	NA
Period 6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>NA</td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>NA</td></mdl<></td></mdl<>	<mdl< td=""><td>NA</td></mdl<>	NA
Period 7	15x10 ¹	<mdl< td=""><td>NA</td><td>NA</td></mdl<>	NA	NA
Period 8	<mdl< td=""><td>DET</td><td>NA</td><td>NA</td></mdl<>	DET	NA	NA
Period 9	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>NA</td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>NA</td></mdl<></td></mdl<>	<mdl< td=""><td>NA</td></mdl<>	NA
Period 10	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>NA</td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>NA</td></mdl<></td></mdl<>	<mdl< td=""><td>NA</td></mdl<>	NA



DET = Value was below the EQL of 170 ng/sample but > MDL

*Relative Difference = (Diff./Ave.)100

NA = Not Applicable



Log	Sample	Start	End	Time	Time	Volume	n-But	yl Isocyana	te
#	ID	Date/Time	Date/Time	(min)	(hours)	(m ³)	(ng/sample)	(ng/m³)	*(pptv)
1	BG1W	02/24/00 1630	02/25/00 0730	900	15.0	0.027	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
2	BG2N	02/24/00 1645	02/25/00 0745	900	15.0	0.027	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
3	BG3E	02/24/00 1700	02/25/00 0755	895	_14.9	0.027	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
4	BG4S	02/24/00 1710	02/25/00 0805	895	14.9	0.027	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
9	BW1	02/25/00 0735	02/25/00 1730	595	9.9	0.018	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
10	BN21	02/25/00 0745	02/25/00 1740	595	9.9	0.018	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
11	BE1	02/25/00 0755	02/25/00 1750	595	9.9	0.018	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
12	BS21	02/25/00 0805	02/25/00 1800	595	9.9	0.018	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
13	BS31.	02/25/00 0820	02/25/00 1755	575	9.6	0.017	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
14	BS11	02/25/00 0825	02/25/00 1805	580	9.7	0.017	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
15	BN31	02/25/00 0830	02/25/00 1735	545	9.1	0.016	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
16	BN11	02/25/00 0835	02/25/00 1745	555	9.3	0.017	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
17	BED1	02/25/00 0755	02/25/00 1750	595	9.9	0.018	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
18	BS12	02/25/00 1825	02/26/00 0625	720	12.0	0.022	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
19	BS22	02/25/00 1830	02/26/00 0630	720	12.0	0.022	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
20	BS32	02/25/00 1835	02/26/00 0635	720	12.0	0.022	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
21	BS42	02/25/00 1840	02/26/00 0640	720	12.0	0.022	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
22	BN12	02/25/00 1845	02/26/00 0645	720	12.0	0.022	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
23	BN22	02/25/00 1850	02/26/00 0650	720	12.0	0.022	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
24	BN2D2	02/25/00 1850	02/26/00 0650	720	12.0	0.022	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
25	BN32	02/25/00 1855	02/26/00 0655	720	12.0	0.022	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
26	BN42	02/25/00 1900	02/26/00 0700	720	12.0	0.022	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
27	BS13	02/26/00 0625	02/26/00 1030	245	4.1	0.007	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
28	BS23	02/26/00 0630	02/26/00 1035	245	4.1	0.007	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
29	BS33	02/26/00 0635	02/26/00 1040	245	4.1	0.007	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
30	BS43	02/26/00 0640	02/26/00 1045	245	4.1	0.007	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
31	BN13	02/26/00 0645	02/26/00 1050	245	4.1	0.007	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
32	BN23	02/26/00 0650	02/26/00 1055	245	4.1	0.007		<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
33	BN2D3	02/26/00 0650	02/26/00 1055	245	4.1	0.007	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>

MDL = 60 ng/sample
Det = Value was below the EQL of 301 ng/sample sample but ≥MDL
*pptv at 1 atm and 25 C

Log	<u>_</u>	Start	End	Time	Time	Volume	n-But	yl Isocyana	te
#	ID	Date/Time	Date/Time	(min)	(hours)	(m ³)	(ng/sample)	(ng/m³)	*(pptv)
34	BN33	02/26/00 0655	02/26/00 1100	245	4.1	0.007	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
	BN43	02/26/00 0700	02/26/00 1105	245	4.1	0.007	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
36	BS14	02/26/00 1030	02/26/00 1130	60	1.0	0.002	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
37	BS24	02/26/00 1035	02/26/00 1135	60	1.0	0.002	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
38	BS34	02/26/00 1040	02/26/00 1140	60	1.0	0.002	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
39	BS44	02/26/00 1045	02/26/00 1145	60	1.0	0.002	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
40	BN14	02/26/00 1050	02/26/00 1150	60	1.0	0.002	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
41	BN24	02/26/00 1055	02/26/00 1155	60	1.0	0.002	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
42	BN2D4	02/26/00 1055	02/26/00 1155	60	1.0	0.002	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
43	BN34	02/26/00 1100	02/26/00 1200	60	1.0	0.002	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
44	BN44	02/26/00 1105	02/26/00 1205	60	1.0	0.002	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
	BS15	02/26/00 1130	02/26/00 1330	120	2.0	0.004	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
46	BS25	02/26/00 1135	02/26/00 1335	120	2.0	0.004	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
47	BS35	02/26/00 1140	02/26/00 1340	120	2.0	0.004	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
48	BS45	02/26/00 1145	02/26/00 1345	120	2.0	0.004	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
49	BN15	02/26/00 1150	02/26/00 1350	120	2.0	0.004	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
50	BN25	02/26/00 1155	02/26/00 1355	120	2.0	0.004	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
51	BN2D5	02/26/00 1155	02/26/00 1355	120	2.0	0.004	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
52	BN35	02/26/00 1200	02/26/00 1400	120	2.0	0.004	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
53	BN45	02/26/00 1205	02/26/00 1405	120	2.0	0.004	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
54	BS16	02/26/00 1330	02/26/00 1645	195	3.2	0.006	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
55	BS26	02/26/00 1335	02/26/00 1650	195	3.3	0.006	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
56	BS36	02/26/00 1340	02/26/00 1655	195	3.2	0.006	_ <mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
57	BS46	02/26/00 1345	02/26/00 1700	195	3.3	0.006	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
58	BN16	02/26/00 1350	02/26/00 1705	195	3.2	0.006	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
59	BN26	02/26/00 1355	02/26/00 1710	195	3.3	0.006	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
60	BN2D6	02/26/00 1355	02/26/00 1710	195	3.3	0.006	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
61	BN36	02/26/00 1400	02/26/00 1715	195	3.2	0.006	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
62	BN46	02/26/00 1405	02/26/00 1720	195	3.2	0.006	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>

MDL = 60 ng/sample
Det = Value was below the EQL of 301 ng/sample sample but ≥MDL
*pptv at 1 atm and 25 C

Log	Sample	Start	End	Time	Time	Volume	n-But	yl Isocyana	te
#	ID	Date/Time	Date/Time	(min)	(hours)	(m ³)	(ng/sample)	(ng/m³)	*(pptv)
63	BS17	02/26/00 1645	02/27/00 0735	890	14.8	0.027	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
64	BS27	02/26/00 1650	02/27/00 0740	890	14.8	0.027	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
65	BS37	02/26/00 1655	02/27/00 0745	890	14.8	0.027	DET	DET	DET
66	BS47	02/26/00 1700	02/27/00 0750	890	14.8	0.027	DET	DET	DET
67	BN17	02/26/00 1705	02/27/00 0755	890	14.8	0.027	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
68	BN27	02/26/00 1710	02/27/00 0800	890	14.8	0.027	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
69	BN2D7	02/26/00 1710	02/27/00 0800	890	14.8	0.027	DET	DET	DET
70	BN37	02/26/00 1715	02/27/00 0805	890	14.8	0.027	DET	DET	DET
71	BN47.	02/26/00 1720	02/27/00 0810	890	14.8	0.027	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
72	BS18	02/27/00 0735	02/27/00 1650	555	9.3	0.017	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
73	BS28	02/27/00 0740	02/27/00 1655	555	9.2	0.017	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
74	BS38	02/27/00 0745	02/27/00 1700	555	9.3	0.017	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
75	BS48	02/27/00 0750	02/27/00 1705	555	9.2	0.017	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
76	BN18	02/27/00 0755	02/27/00 1710	555	9.3	0.017	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
77	BN28	02/27/00 0800	02/27/00 1715	555	9.2	0.017	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
78	BN2D8	02/27/00 0800	02/27/00 1715	555	9.2	0.017	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
79	BN38	02/27/00 0805	02/27/00 1720	555	9.2	0.017	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
80	BN48	02/27/00 0810	02/27/00 1725	555	9.2	0.017	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
81	BS19	02/27/00 1650	02/28/00 0730	880	14.7	0.026	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
82	BS29	02/27/00 1655	02/28/00 0735	880	14.7	0.026	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
83	BS39	02/27/00 1700	02/28/00 0740	880	14.7	0.026	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
84	BS49	02/27/00 1705	02/28/00 0745	880	14.7	0.026	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
85	BN19	02/27/00 1710	02/28/00 0750	880	14.7	0.026	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
86	BN29	02/27/00 1715	02/28/00 0755	880	14.7	0.026	DET	DET	DET
87	BN2D9	02/27/00 1715	02/28/00 0755	880	14.7	0.026	DET	DET	DET
88	BN39	02/27/00 1720	02/28/00 0800	880	14.7	0.026	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
89	BN49	02/27/00 1725	02/28/00 0805	880	14.7	0.026	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
90	BS110	02/28/00 0730	02/29/00 0735	1445	24.1	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
91	BS210	02/28/00 0735	02/29/00 0740	1445	24.1	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>

MDL = 60 ng/sample
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*pptv at 1 atm and 25 C

Log	Sample	Start	End	Time	Time	Volume	n-Butyl Isocyanate		te
#	ID	Date/Time	Date/Time	(min)	(hours)	(m³)	(ng/sample)	(ng/m³)	*(pptv)
92	BS310	02/28/00 0740	02/29/00 0745	1445	24.1	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
93	BS410	02/28/00 0745	02/29/00 0750	1445	24.1	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
94	BN110	02/28/00 0750	02/29/00 0755	1445	24.1	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
95	BN210	02/28/00 0755	02/29/00 0800	1445	24.1	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
96	BN2D10	02/28/00 0755	02/29/00 0800	1445	24.1	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
97	BN310	02/28/00 0800	02/29/00 0805	1445	24.1	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
98	BN410	02/28/00 0805	02/29/00 0810	1445	24.1	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>

Table 8. Summary of n-Butyl Isocyanate Application Results (ng/m³)

Sampling	N41-	5 4	041-	1844	1				
Period	North	East	South	West	<u> </u>				
Background	<mdl< th=""><th><mdl< th=""><th><mdl< th=""><th><mdl< th=""><th></th><th></th><th></th><th></th><th></th></mdl<></th></mdl<></th></mdl<></th></mdl<>	<mdl< th=""><th><mdl< th=""><th><mdl< th=""><th></th><th></th><th></th><th></th><th></th></mdl<></th></mdl<></th></mdl<>	<mdl< th=""><th><mdl< th=""><th></th><th></th><th></th><th></th><th></th></mdl<></th></mdl<>	<mdl< th=""><th></th><th></th><th></th><th></th><th></th></mdl<>					
									East
	S 1	S 2	S 3	West	N1	N2	N3	East	Collocated
Period 1	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
							N2		
	S1	S2	S3	S4	N1	N2	Collocated	N3	N4
Period 2	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
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Period 7	<mdl< td=""><td><mdl< td=""><td>DET</td><td>DET</td><td><mdl< td=""><td><mdl< td=""><td>DET</td><td>DET</td><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>DET</td><td>DET</td><td><mdl< td=""><td><mdl< td=""><td>DET</td><td>DET</td><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	DET	DET	<mdl< td=""><td><mdl< td=""><td>DET</td><td>DET</td><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>DET</td><td>DET</td><td><mdl< td=""></mdl<></td></mdl<>	DET	DET	<mdl< td=""></mdl<>
Period 8	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
Period 9	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>DET</td><td>DET</td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>DET</td><td>DET</td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>DET</td><td>DET</td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>DET</td><td>DET</td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>DET</td><td>DET</td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	DET	DET	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
Period 10	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>

Table 9. n-Butyl Isocyanate Application Collocated Results (ng/m³)

Sampling		East		*Relative
Period	East	Collocated	Average	Difference
Period 1	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>NA</td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>NA</td></mdl<></td></mdl<>	<mdl< td=""><td>NA</td></mdl<>	NA
		N2		
	N2	Collocated		
Period 2	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>NA</td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>NA</td></mdl<></td></mdl<>	<mdl< td=""><td>NA</td></mdl<>	NA
Period 3	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>NA</td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>NA</td></mdl<></td></mdl<>	<mdl< td=""><td>NA</td></mdl<>	NA
Period 4	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>NA</td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>NA</td></mdl<></td></mdl<>	<mdl< td=""><td>NA</td></mdl<>	NA
Period 5	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>NA</td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>NA</td></mdl<></td></mdl<>	<mdl< td=""><td>NA</td></mdl<>	NA
Period 6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>NA</td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>NA</td></mdl<></td></mdl<>	<mdl< td=""><td>NA</td></mdl<>	NA
Period 7	<mdl< td=""><td>DET</td><td>NA</td><td>NA</td></mdl<>	DET	NA	NA
Period 8	<mdl_< td=""><td><mdl< td=""><td><mdl< td=""><td>NA</td></mdl<></td></mdl<></td></mdl_<>	<mdl< td=""><td><mdl< td=""><td>NA</td></mdl<></td></mdl<>	<mdl< td=""><td>NA</td></mdl<>	NA
Period 9	DET	DET	DET	NA
Period 10	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>NA</td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>NA</td></mdl<></td></mdl<>	<mdl< td=""><td>NA</td></mdl<>	NA

MDL = 60 ng/sample

DET = Value was below the EQL of 301 ng/sample but ≥ MDL

*Relative Difference = (Diff./Ave.)100

NA = Not Applicable

Log # Log # ID Date/Time Date/Time (min) (hours) (m³) (ng/sample) (ng/m³) *(pptv) (m³) (ng/sample) 1 1 SCH1 01/31/00 1100 02/01/00 1055 1435 23.9 3.4 4.30E+02 1.25E+02 1.05E+01 0.043 2 2 PLA1 01/31/00 1200 02/01/00 1000 1320 22.0 3.2 1.91E+02 6.04E+01 5.09E+00 0.040 3 3 HOW1 01/31/00 1300 02/01/00 1200 1380 23.0 3.5 <mdl< td=""> <mdl< td=""> <mdl< td=""> 0.041 4 4 RIV1 01/31/00 1410 02/01/00 1315 1385 23.1 3.4 2.33E+02 6.89E+01 5.81E+00 0.042 5 5 ARB1 01/31/00 1500 02/01/00 1400 1380 23.0 3.5 4.28E+02 1.23E+02 1.04E+01 0.041 0.042</mdl<></mdl<></mdl<>	DL <mdl <<="" th=""><th>pptv)</th></mdl>	pptv)
2 2 PLA1 01/31/00 1200 02/01/00 1000 1320 22.0 3.2 1.91E+02 6.04E+01 5.09E+00 0.040	DL <mdl <<="" th=""><th></th></mdl>	
3 3 HOW1 01/31/00 1300 02/01/00 1200 1380 23.0 3.5		<mdl< td=""></mdl<>
4 4 RIV1 01/31/00 1410 02/01/00 1315 1385 23.1 3.4 2.33E+02 6.89E+01 5.81E+00 0.042 <	DI ZMDI Z	<mdl< td=""></mdl<>
5 5 ARB1 01/31/00 1500 02/01/00 1400 1380 23.0 3.5 4.28E+02 1.23E+02 1.04E+01 0.041 9 8 PLA2 02/01/00 1000 02/02/00 1000 1440 24.0 3.6 <mdl< td=""> <mdl< td=""> <mdl< td=""> 0.043 10 9 SCH2 02/01/00 1055 02/02/00 1045 1430 23.8 3.6 <mdl< td=""> <mdl< td=""> <mdl< td=""> 0.043 11 10 HOW2 02/01/00 1205 02/02/00 1050 1365 22.8 3.4 <mdl< td=""> <m< td=""><td></td><td><mdl< td=""></mdl<></td></m<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<></mdl<>		<mdl< td=""></mdl<>
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22 20 HOW3D 02/02/00 1158 02/03/00 1150 1432 23.9 3.6 <mdl 0.043="" <a<="" <mdl="" td=""><td>DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl></td></mdl>	DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl>	<mdl< td=""></mdl<>
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27 25 ARB3D 02/02/00 1355 02/03/00 1400 1445 24.1 3.6 <mdl 0.043="" <mdl="" <n<="" td=""><td>DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl></td></mdl>	DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl>	<mdl< td=""></mdl<>
28 26 PLA4 02/03/00 1005 02/04/00 1005 1440 24.0 3.6 <mdl 0.043="" <mdl="" <n<="" td=""><td>DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl></td></mdl>	DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl>	<mdl< td=""></mdl<>
29 27 SCH4 02/03/00 1050 02/04/00 1035 1425 23.7 3.6 <mdl 0.043="" <mdl="" <n<="" td=""><td>DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl></td></mdl>	DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl>	<mdl< td=""></mdl<>
30 28 HOW4 02/03/00 1155 02/04/00 1135 1420 23.7 3.5 <mdl 0.043="" <mdl="" <n<="" td=""><td>DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl></td></mdl>	DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl>	<mdl< td=""></mdl<>
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32 30 ARB4 02/03/00 1405 02/04/00 1225 1340 22.3 3.3 <mdl 0.040="" <mdl="" <n<="" td=""><td>DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl></td></mdl>	DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl>	<mdl< td=""></mdl<>
33 31 ARB5 02/07/00 0900 02/08/00 0900 1440 24.0 3.6 <mdl 0.043="" <mdl="" <n<="" td=""><td>DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl></td></mdl>	DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl>	<mdl< td=""></mdl<>
34 32 PLA5 02/07/00 1000 02/08/00 1010 1450 24.2 3.6 <mdl 0.044="" <mdl="" <n<="" td=""><td>DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl></td></mdl>	DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl>	<mdl< td=""></mdl<>
35 33 SCH5 02/07/00 1040 02/08/00 1045 1445 24.1 3.6 <mdl 0.043="" <mdl="" <n<="" td=""><td>DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl></td></mdl>	DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl>	<mdl< td=""></mdl<>
36 34 HOW5 02/07/00 1135 02/08/00 1145 1450 24.2 3.6 <mdl 0.044="" <mdl="" <n<="" td=""><td>DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl></td></mdl>	DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl>	<mdl< td=""></mdl<>
37 35 RIV5 02/07/00 1245 02/08/00 1245 1440 24.0 3.6 <mdl 0.043="" <mdl="" <n<="" td=""><td>DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl></td></mdl>	DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl>	<mdl< td=""></mdl<>
38 36 ARB6 02/08/00 0905 02/09/00 0915 1450 24.2 3.6 <mdl 0.044="" <a<="" <mdl="" td=""><td>DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl></td></mdl>	DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl>	<mdl< td=""></mdl<>
39 37 PLA6 02/08/00 1015 02/09/00 1030 1455 24.2 3.6 <mdl 0.044="" <="" <mdl="" p=""></mdl>	DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl>	<mdl< td=""></mdl<>
40 38 SCH6 02/08/00 1050 02/09/00 1110 1460 24.3 3.7 <mdl 0.044="" <a<="" <mdl="" td=""><td>DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl></td></mdl>	DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl>	<mdl< td=""></mdl<>
41 39 HOW6 02/08/00 1150 02/09/00 1215 1465 24.4 3.7 <mdl 0.044="" <mdl="" <n<="" td=""><td>DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl></td></mdl>	DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl>	<mdl< td=""></mdl<>
42 40 RIV6 02/08/00 1250 02/09/00 1325 1475 24.6 3.7 <mdl 0.044="" <mdl="" <n<="" td=""><td>DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl></td></mdl>	DL <mdl <<="" td=""><td><mdl< td=""></mdl<></td></mdl>	<mdl< td=""></mdl<>

MDL = 34 ng/sample for Benomyl
Det = Value was below the EQL of 170 ng/sample but ≥MDL

*pptv at 1 atm and 25 C

MDL = 60 ng/samplefor n-Butyl Isocyanate
Det = Value was below the EQL of 301 ng/sample but ≥MDL
*pptv at 1 atm and 25 C

Table 10. Benomyl and 11-butyl isocyanate Ambient Monitoring Results														
Benomyl	BIC	Sample	Start	End	Time	Time	Volume	Ę	Benomyl		Volume	ī	/I Isocyana	ı İ
Log#	Log#	ID	Date/Time	Date/Time	(min)	(hours)	(m³)	(ng/sample)	(ng/m³)	*(pptv)		(ng/sample)	(ng/m³)	*(pptv)
43	41	ARB7	02/09/00 0920	02/10/00 0905	1425	23.7	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
44	42	ARB7D	02/09/00 0923	02/10/00 0905	1422	23.7	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
45	43	PLA7	02/09/00 1035	02/10/00 1020	1425	23.8	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
46	44	PLA7D	02/09/00 1038	02/10/00 1020	1422	23.7	3.6	<mdl< td=""><td>· <mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	· <mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
47	45	SCH7	02/09/00 1115	02/10/00 1100	1425	23.8	3.6	<mdl< td=""><td>· <mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	· <mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
48	46	SCH7D	02/09/00 1120		1420	23.7	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
49	47	HOW7	02/09/00 1215	02/10/00 1205	1430	23.8	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
50	48	HOW7D	02/09/00 1218	02/10/00 1210	1432	23.9	3.6	<mdl< td=""><td>- <mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	- <mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
51	49	RIV7	02/09/00 1330	02/10/00 1310	1420	23.7	3.5	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
52		RIV7D	02/09/00 1330	02/10/00 1313	1423	23.7	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
-53		ARB8	02/10/00 0913	02/11/00 0915	1442	24.0	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
56	52	PLA8	02/10/00 1030	02/11/00 1015	1425	23.8	3.6	<mdl< td=""><td>· <mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	· <mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
57	53	SCH8	02/10/00 1105	02/11/00 1050	1425	23.8			- <mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	0.043		<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
59	54	HOW8	02/10/00 1213	02/11/00 1145	1412	23.5	3.5	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.042</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.042</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.042</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.042	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
60	55	RIV8	02/10/00 1317	02/11/00 1255	1418	23.6	3.5		<mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
62	57	ARB9	02/14/00 0930	02/15/00 0910	1420	23.7	3.5	<mdl< td=""><td>· <mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	· <mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
63	58	PLA9	02/14/00 1020	02/15/00 1015	1435	23.9	3.6	NA	NA NA	NA		<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
64	59	SCH9	02/14/00 1045		1450	24.2			· <mdl< td=""><td><mdl< td=""><td>0.044</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.044</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.044	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
65	60	HOW9	02/14/00 1200	02/15/00 1200	1440	24.0	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
66	61	RIV9	02/14/00 1300	02/15/00 1315	1455	24.3			- <mdl< td=""><td><mdl< td=""><td>0.044</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.044</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.044	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
67	62	ARB10	02/15/00 0910	02/16/00 0910	1440	24.0	3.6		. <mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	0.043		<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
68	63	PLA10	02/15/00 1020	02/16/00 1025	1445	24.1	3.6	<mdl< td=""><td>, <mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	, <mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	0.043		<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
69	64	SCH10	02/15/00 1100	02/16/00 1105	1445	24.1	3.6		<mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<>	0.043			<mdl< td=""></mdl<>
70	65	HOW10	02/15/00 1200	02/16/00 1200	1440				<mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td>1</td><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td>1</td><td><mdl< td=""></mdl<></td></mdl<>	0.043		1	<mdl< td=""></mdl<>
71	66	RIV10	02/15/00 1315	02/16/00 1310	1435				<mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<>	0.043			<mdl< td=""></mdl<>
72	67	ARB11	02/16/00 0915	02/17/00 0905	1430			1	. <mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<>	0.043			<mdl< td=""></mdl<>
73	68	ARB11D	02/16/00 0915	02/17/00 0905	1430				<mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	0.043		<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
74	69	PLA11	02/16/00 1030	02/17/00 1010					<mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td>. <mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td>. <mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<></td></mdl<>	0.043		. <mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<>	. <mdl< td=""></mdl<>
75	70	PLA11D	02/16/00 1033	02/17/00 1010	1417	23.6	3.5	<mdl< td=""><td>· <mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	· <mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<></td></mdl<>	0.043		<mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<>	. <mdl< td=""></mdl<>
76	71	SCH11	02/16/00 1100	02/17/00 1050	1430	23.8	3.4	2.54E+02		6.21E+00				<mdl< td=""></mdl<>
77	72	SCH11D	02/16/00 1100		1430	23.8					0.043		. <mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
78	73	HOW11	02/16/00 1205		1430					1.01E+01	0.043		<mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<>	. <mdl< td=""></mdl<>
. 79	74	HOW11D			1430					1.01E+01	0.043			<mdl< td=""></mdl<>
80	75	RIV11	02/16/00 1315		1425				9.43E+01	7.94E+00		·		. <mdl< td=""></mdl<>
81	76	RIV11D	02/16/00 1315	02/17/00 1300	1425	23.7	3.6	1.74E+02	· 4.88E+01	4.11E+00	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
				·										

MDL = 34 ng/sample for Benomyl
Det = Value was below the EQL of 170 ng/sample but ≥MDL
*pptv at 1 atm and 25 C

34

Benomyl	BIC	Sample	Start	End	Time	Time	Volume	•	Benomyl	Volume N-Butyl Isocyanate			ite	
- 1	Log#	ID	Date/Time	Date/Time	(min)	(hours)	(m³)	(ng/sample)	(ng/m³)	*(pptv)	(m³)	(ng/sample)	(ng/m³)	*(pptv)
82		ARB12	02/17/00 0910	02/18/00 0905	1435	23.9	3.6	<mdl< td=""><td>· <mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	· <mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
83		PLA12	02/17/00 1015	02/18/00 1010	1435	23.9	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
84		SCH12		02/18/00 1045	1425	23.7	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
85		HOW12	02/17/00 1200		1420	23.7	3.5	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
86		RIV12	02/17/00 1310	02/18/00 1240	1410	23.5	3.5	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.042</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.042</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.042</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.042	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
88		ARB13	02/21/00 0915	02/22/00 0915	1440	24.0	3.6	<mdl< td=""><td>. <mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	. <mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
89		PLA13	02/21/00 1015	02/22/00 1015	1440	24.0	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
90		SCH13		02/22/00 1045	1440	24.0	3,6		DET	DET	0.043		<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
91		HOW13	02/21/00 1145		1440	24.0	3.6		<mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	0.043		<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
92		RIV13	02/21/00 1240	02/22/00 1245	1445	24.1	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td><<u>M</u>DL</td><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td><<u>M</u>DL</td><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td><<u>M</u>DL</td><td><mdl< td=""></mdl<></td></mdl<>	0.043		< <u>M</u> DL	<mdl< td=""></mdl<>
93	88	ARB14	02/22/00 0918	02/23/00 0910	1432	23.9			. <mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	0.043		<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
94		PLA14	02/22/00 1018	02/23/00 1015	1437	24.0	3.6		<mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	0.043		<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
95		SCH14	02/22/00 1049	02/23/00 1053	1444	24.1	3.6		<mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	0.043		<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
96	91	HOW14	02/22/00 1150	02/23/00 1155	1445	24.1	3.6		<mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	0.043		<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
97	92	RIV14	02/22/00 1250	02/23/00 1300	1450	24.2			<mdl< td=""><td><mdl< td=""><td>0.044</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.044</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	0.044		<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
98		ARB15	02/23/00 0910	02/24/00 0905	1435				<mdl< td=""><td><mdl< td=""><td>0.043</td><td>·</td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td>·</td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	0.043	·	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
99	94	ARB15D	02/23/00 0910	02/24/00 0905					- <mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	0.043		<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
100	95	PLA15	02/23/00 1018	02/24/00 1010	1432				/ <mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	0.043		<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
101	96	PLA15D	02/23/00 1020	02/24/00 1010	1430				<mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	0.043		<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
102	97	SCH15	02/23/00 1055	02/24/00 1045					、 <mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	0.043		<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
103	98	SCH15D	02/23/00 1055	02/24/00 1045	1430				<mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<>	0.043			<mdl< td=""></mdl<>
104	99	HOW15	02/23/00 1200	02/24/00 1145					<mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<>	0.043			<mdl< td=""></mdl<>
105	100	HOW15D	02/23/00 1200	02/24/00 1145					<mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	0.043		<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
106	101	RIV15	02/23/00 1305	02/24/00 1245					<mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	0.043		<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
107	102	RIV15D	02/23/00 1305						<mdl< td=""><td><mdl< td=""><td></td><td></td><td>. <mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td>. <mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>			. <mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
108	103	ARB16	02/24/00 0910	02/25/00 0905					<mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td>. <mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td>. <mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<></td></mdl<>	0.043		. <mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<>	. <mdl< td=""></mdl<>
109	104	PLA16	02/24/00 1015	02/25/00 1000					<mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td><mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<></td></mdl<>	0.043		<mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<>	. <mdl< td=""></mdl<>
110	105	SCH16	02/24/00 1049						<mdl< td=""><td><mdl< td=""><td></td><td></td><td><mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td><mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<></td></mdl<>			<mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<>	. <mdl< td=""></mdl<>
111	106	HOW16	02/24/00 1150						<mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<>				<mdl< td=""></mdl<>
112	107	RIV16	02/24/00 1248					<u> </u>		4.11E+00			<mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<>	. <mdl< td=""></mdl<>
114	109	ARB17	02/28/00 0905						. <mdl< td=""><td><mdl< td=""><td></td><td></td><td>. <mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td>. <mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<></td></mdl<>			. <mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<>	. <mdl< td=""></mdl<>
115	110	PLA17	02/28/00 1000	02/29/00 1020					. <mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td>. <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td></td><td>. <mdl< td=""></mdl<></td></mdl<>				. <mdl< td=""></mdl<>
116	111	SCH17	02/28/00 1035	02/29/00 1055					. <mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td>. <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td></td><td>. <mdl< td=""></mdl<></td></mdl<>				. <mdl< td=""></mdl<>
117	112	HOW 17	02/28/00 1135						- <mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td></td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td></td><td></td></mdl<>				
118	113	RIV17	02/28/00 1230	02/29/00 1300	1470	24.5	3.7	' <mdl< td=""><td>. <mdl< td=""><td><mdl< td=""><td>0.044</td><td>I <mdi< td=""><td><mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<></td></mdi<></td></mdl<></td></mdl<></td></mdl<>	. <mdl< td=""><td><mdl< td=""><td>0.044</td><td>I <mdi< td=""><td><mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<></td></mdi<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.044</td><td>I <mdi< td=""><td><mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<></td></mdi<></td></mdl<>	0.044	I <mdi< td=""><td><mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<></td></mdi<>	<mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<>	. <mdl< td=""></mdl<>

MDL = 34 ng/sample for Benomyl
Det = Value was below the EQL of 170 ng/sample but ≥MDL
*pptv at 1 atm and 25 C

25

MDL = 60 ng/samplefor n-Butyl Isocyanate
Det = Value was below the EQL of 301 ng/sample but ≥MDL
*pptv at 1 atm and 25 C

Benomyl	BIC	Sample	Start	End	Time	Time	Volume		Benomyl		Volume	•	/I Isocyana	
Log#	Log#	1 1	Date/Time	Date/Time	(min)	(hours)	(m³)_	(ng/sample)	(ng/m³)	*(pptv)	(m³)	(ng/sample)	(ng/m³)	*(pptv)
119		ARB18	02/29/00 0915	03/01/00 0910	1435	23.9	3.6	· <mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
120		PLA18	02/29/00 1023	03/01/00 1010	1427	23.8	3.6	DET	DET	DET	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
121		SCH18	02/29/00 1055	03/01/00 1042	1427	23.8	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
122		HOW18	02/29/00 1200	03/01/00 1142	1422	23.7	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
123		RIV18	02/29/00 1303	03/01/00 1240	1417	23.6	3.5	. <mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
124		ARB19	03/01/00 0915	03/02/00 0905	1430	23.8	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
125		ARB19D	03/01/00 0915	03/02/00 0905	1430	23.8	3.6	. <mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
126		PLA19	03/01/00 1015	03/02/00 1020	1445	24.1	3.6	· <mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
127		PLA19D	03/01/00 1045	03/02/00 1020	1415	23.6	3.5	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.042</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.042</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.042</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.042	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
128	123	SCH19	03/01/00 1045	03/02/00 1055	1450	24.2			<mdl< td=""><td><mdl< td=""><td>0.044</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.044</td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	0.044		<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
129		SCH19D	03/01/00 1045	03/02/00 1055	1450	24.2	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.044</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.044</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.044</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.044	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
130	125	HOW19	03/01/00 1145	03/02/00 1200	1455	24.2	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.044</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.044</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.044</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.044	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
131	126	HOW19D	03/01/00 1243	03/02/00 1200	1397	23.3	3.5	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.042</td><td>_<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.042</td><td>_<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.042</td><td>_<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.042	_ <mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
132	127	RIV19	03/01/00 1243	03/02/00 1300	1457	24.3	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.044</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.044</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.044</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.044	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
133	128	RIV19D	03/01/00 1243	03/02/00 1300	1457	24.3	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.044</td><td>NA</td><td></td><td></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.044</td><td>NA</td><td></td><td></td></mdl<></td></mdl<>	<mdl< td=""><td>0.044</td><td>NA</td><td></td><td></td></mdl<>	0.044	NA		
134	129	ARB20	03/02/00 0910	03/03/00 0910	1440	24.0	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
135	130	PLA20	03/02/00 1023	03/03/00 1005	1422	23.7	3.6	DET	DET	DET	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
136	131	SCH20	03/02/00 1100	03/03/00 1035	1415	23.6	3.5	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.042</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.042</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.042</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.042	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
137	132	HOW20	03/02/00 1200	03/03/00 1130	1410	23.5	3.5	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.042</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.042</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.042</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.042	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
139	133	RIV20	03/02/00 1303	03/03/00 1245	1422	23.7	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td></td><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td></td><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td></td><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td></td><td><mdl< td=""></mdl<></td></mdl<>		<mdl< td=""></mdl<>
140	135	ARB21	03/06/00 0910	03/07/00 0905	1435	23.9	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
141	136	PLA21	03/06/00 1015	03/07/00 1000	1425	23.7	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<>	0.043			<mdl< td=""></mdl<>
142	137	SCH21	03/06/00 1045	03/07/00 1030	1425	23.8	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<>	0.043			<mdl< td=""></mdl<>
143	138	HOW21	03/06/00 1145	03/07/00 1130	1425	23.7	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<>	0.043			<mdl< td=""></mdl<>
144	139	RIV21		03/07/00 1250		24.0	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<>	0.043			<mdl< td=""></mdl<>
145	140	ARB22	03/07/00 0910			24.0	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td></td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td></td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>			<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
146	141	PLA22	03/07/00 1005		1440	24.0	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<>	0.043			<mdl< td=""></mdl<>
147	142	SCH22	03/07/00 1035	03/08/00 1045	1450	24.2			. <mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td></td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td></td><td></td></mdl<>				
148	143	HOW22	03/07/00 1135	03/08/00 1150	1455	24.2			DET	DET				<mdl< td=""></mdl<>
149	144	RIV22	03/07/00 1255						<mdl< td=""><td><mdl< td=""><td>0.043</td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td></td><td></td><td><mdl< td=""></mdl<></td></mdl<>	0.043			<mdl< td=""></mdl<>
150	145	ARB23	03/08/00 0913	03/09/00 0910	1437				<mdl< td=""><td><mdl< td=""><td></td><td></td><td></td><td>. <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td></td><td></td><td></td><td>. <mdl< td=""></mdl<></td></mdl<>				. <mdl< td=""></mdl<>
151	146	ARB23D	03/08/00 0913	03/09/00 0910	1437					DET				. <mdl< td=""></mdl<>
152	147	PLA23	03/08/00 1010	03/09/00 1010	1440				<mdl< td=""><td><mdl< td=""><td>. 0.043</td><td></td><td></td><td>. <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>. 0.043</td><td></td><td></td><td>. <mdl< td=""></mdl<></td></mdl<>	. 0.043			. <mdl< td=""></mdl<>
153	148	PLA23D	03/08/00 1010		1440				<mdl< td=""><td>. <mdi< td=""><td></td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdi<></td></mdl<>	. <mdi< td=""><td></td><td></td><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdi<>			<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
154	149	SCH23		03/09/00 1040	1432	23.9	3.6	DET	DET	DET	0.043	<mdl< td=""><td><mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<>	. <mdl< td=""></mdl<>

MDL = 34 ng/sample for Benomyl
Det = Value was below the EQL of 170 ng/sample but ≥MDL
*pptv at 1 atm and 25 C



Benomyl	BIC	Sample	Start	End	Time	Time	Volume	ı	Benomyl		Volume	N-Buty	l Isocyana	te
Log#	Log#	ID	Date/Time	Date/Time	(min)	(hours)	(m³)	(ng/sample)	(ng/m³)	*(pptv)	(m³)	(ng/sample)	(ng/m³)	*(pptv)
155	150	SCH23D	03/08/00 1048	03/09/00 1040	1432	23.9	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td>_<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td>_<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td>_<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	_ <mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
156	151	HOW23	03/08/00 1155	03/09/00 1155	1440	24.0	3.6	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl)< td=""><td><mdl< td=""></mdl<></td></mdl)<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl)< td=""><td><mdl< td=""></mdl<></td></mdl)<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl)< td=""><td><mdl< td=""></mdl<></td></mdl)<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl)< td=""><td><mdl< td=""></mdl<></td></mdl)<></td></mdl<>	<mdl)< td=""><td><mdl< td=""></mdl<></td></mdl)<>	<mdl< td=""></mdl<>
157	152	HOW23D	03/08/00 1155	03/09/00 1200	1445	24.1	3.6	DET	DET	DET	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
158	153	RIV23	03/08/00 1300	03/09/00 1310	1450	24.2	3.6	<mdl< td=""><td><mdl< td=""><td>- <mdl< td=""><td>0.044</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>- <mdl< td=""><td>0.044</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	- <mdl< td=""><td>0.044</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.044	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
159	154	RIV23D	03/08/00 1300	03/09/00 1310	1450	24.2	3.6	- <mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.044</td><td>_ <mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.044</td><td>_ <mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.044</td><td>_ <mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.044	_ <mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
160	155	ARB24	03/09/00 0915	03/10/00 0905	1430	23.8	3.6	. <mdl< td=""><td><mdl< td=""><td> <mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td> <mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>. <mdl< td=""></mdl<></td></mdl<>	. <mdl< td=""></mdl<>
161	156	PLA24	03/09/00 1015	03/10/00 1005	1430	23.8	3.6	· <mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
162	157	SCH24	03/09/00 1043	03/10/00 1040	1437	24.0	3.6	<mdl< td=""><td>-MDL</td><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	-MDL	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
163	158	HOW24	03/09/00 1200	03/10/00 1140	1420	23.7	3.5	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.043</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.043	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>
164	159	RIV24	03/09/00 1315	03/10/00 1235	1400	23.3	3.5	. <mdl< td=""><td><mdl< td=""><td><mdl< td=""><td>0.042</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td>0.042</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>0.042</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	0.042	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>

Table 11. Summary of Benomyl and n-Butyl Isocyanate Ambient Results

		E	Benomyl (ng	/m³)		n-Butyl Isocyanate (μg/m³)					
Start Date	ARB	HOW	PLA	RIV	SCH	ARB	ном	PLA	RIV	SCH	
01/31/00	*	<mdl< td=""><td>*</td><td>*</td><td>*</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	*	*	*	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>	
02/01/00	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>	
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03/08/00	DET	DET	<mdl< td=""><td><mdl< td=""><td>DET</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td>DET</td><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	DET	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>	
03/09/00	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>	

Table 11. Summary of Benomyl and n-Butyl Isocyanate Ambient Results

		Ве	enomyl (ng/n	1 ³)		n-Butyl Isocyanate (μg/m³)						
Start Date	ARB	ном	PLA	RIV	SCH	ARB	HOW	PLA	RIV	SCH		
Maximum ¹	-	-		-	-	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""><td><mdl< td=""></mdl<></td></mdl<></td></mdl<>	<mdl< td=""><td><mdl< td=""></mdl<></td></mdl<>	<mdl< td=""></mdl<>		
Average ¹	=	-	-	-	-	0.7	0.7	0.7	0.7	0.7		
# Samples	24	24	23	24	24	24	24	24	24	23		
#>EQL	1	1	1	3	2	0	0	0	0	0		
# DET	1	2	2	0	2	0	0	0	0	0		
# <mdl< td=""><td>22</td><td>21</td><td>20</td><td>21</td><td>20</td><td>24</td><td>24</td><td>24</td><td>24</td><td>23</td></mdl<>	22	21	20	21	20	24	24	24	24	23		

Only the higher value of each collocated pair was used to calculate the above statistics.

Benomyl:

- * Confirmed as a false positive.
- 1. There were no samples with confirmed results above the EQL. Samples with "detected" results were not submitted to CDFA for confirmation. Due to these analytical complications the maximum and average results are not listed.

n-Butyl Isocyanate:

MDL = $1.4 \mu g/m^3$ and EQL = $7.0 \mu g/m^3$

"DET" results were factored into the average as (MDL+EQL)/2 = 4.2 μ g/m³.

<MDL results were factored into the average as MDL/2 = 0.7 μ g/m³.

Assume a .043 m³ sample volume for the above MDL and EQL.

Table 12. Benomyl and n-Butyl Isocyanate Ambient Collocated Results

Sample ID	Benomyl (ng/m³)	Average	Relative Difference	n-Butyl Isocyanate (μg/m³)	Average	Relative Difference
ARB3	<mdl< td=""><td>NIA</td><td>NIA</td><td><mdl< td=""><td>NIA</td><td>NIA</td></mdl<></td></mdl<>	NIA	NIA	<mdl< td=""><td>NIA</td><td>NIA</td></mdl<>	NIA	NIA
ARB3D	<mdl< td=""><td>→ NA</td><td>NA</td><td><mdl< td=""><td>NA NA</td><td>NA</td></mdl<></td></mdl<>	→ NA	NA	<mdl< td=""><td>NA NA</td><td>NA</td></mdl<>	NA NA	NA
ARB7	<mdl< td=""><td>NIA</td><td>NA</td><td><mdl< td=""><td>212</td><td>NIA</td></mdl<></td></mdl<>	NIA	NA	<mdl< td=""><td>212</td><td>NIA</td></mdl<>	212	NIA
ARB7D	<mdl< td=""><td> NA</td><td>NA</td><td><mdl< td=""><td>NA</td><td>NA</td></mdl<></td></mdl<>	NA	NA	<mdl< td=""><td>NA</td><td>NA</td></mdl<>	NA	NA
ARB11	<mdl< td=""><td></td><td></td><td><mdl< td=""><td></td><td></td></mdl<></td></mdl<>			<mdl< td=""><td></td><td></td></mdl<>		
ARB11D	<mdl< td=""><td>- NA</td><td>NA</td><td><mdl< td=""><td>NA</td><td>NA</td></mdl<></td></mdl<>	- NA	NA	<mdl< td=""><td>NA</td><td>NA</td></mdl<>	NA	NA
ARB15	<mdl< td=""><td></td><td></td><td><mdl< td=""><td></td><td></td></mdl<></td></mdl<>			<mdl< td=""><td></td><td></td></mdl<>		
ARB15D	<mdl< td=""><td>NA NA</td><td>NA</td><td><mdl< td=""><td>NA</td><td>NA</td></mdl<></td></mdl<>	NA NA	NA	<mdl< td=""><td>NA</td><td>NA</td></mdl<>	NA	NA
ARB19	<mdl< td=""><td colspan="2"><mdi< td=""><td><mdl< td=""><td></td><td>• • • • • • • • • • • • • • • • • • • •</td></mdl<></td></mdi<></td></mdl<>	<mdi< td=""><td><mdl< td=""><td></td><td>• • • • • • • • • • • • • • • • • • • •</td></mdl<></td></mdi<>		<mdl< td=""><td></td><td>• • • • • • • • • • • • • • • • • • • •</td></mdl<>		• • • • • • • • • • • • • • • • • • • •
ARB19D	<mdl< td=""><td>- NA</td><td>NA</td><td><mdl< td=""><td>NA</td><td>NA</td></mdl<></td></mdl<>	- NA	NA	<mdl< td=""><td>NA</td><td>NA</td></mdl<>	NA	NA
ARB23	<mdl< td=""><td></td><td></td><td><mdl< td=""><td></td><td></td></mdl<></td></mdl<>			<mdl< td=""><td></td><td></td></mdl<>		
ARB23D	DET	NA	NA	<mdl< td=""><td>NA</td><td>NA</td></mdl<>	NA	NA
HOW3	<mdl< td=""><td></td><td></td><td><mdl< td=""><td></td><td></td></mdl<></td></mdl<>			<mdl< td=""><td></td><td></td></mdl<>		
HOW3D	<mdl< td=""><td>- NA</td><td>NA</td><td><mdl< td=""><td>NA</td><td>NA</td></mdl<></td></mdl<>	- NA	NA	<mdl< td=""><td>NA</td><td>NA</td></mdl<>	NA	NA
HOW7	<mdl< td=""><td></td><td></td><td><mdl< td=""><td></td><td></td></mdl<></td></mdl<>			<mdl< td=""><td></td><td></td></mdl<>		
HOW7D	<mdl< td=""><td> NA</td><td>NA </td><td><mdl< td=""><td>NA </td><td>NA</td></mdl<></td></mdl<>	NA	NA	<mdl< td=""><td>NA </td><td>NA</td></mdl<>	NA	NA
HOW11	102*			<mdl< td=""><td></td><td></td></mdl<>		
HOW11D	120*	NA	NA	<mdl< td=""><td>NA NA</td><td>NA</td></mdl<>	NA NA	NA
HOW15	<mdl< td=""><td></td><td></td><td><mdl< td=""><td></td><td></td></mdl<></td></mdl<>			<mdl< td=""><td></td><td></td></mdl<>		
HOW15D	<mdl< td=""><td>→ NA</td><td>NA</td><td><mdl< td=""><td>NA </td><td>NA</td></mdl<></td></mdl<>	→ NA	NA	<mdl< td=""><td>NA </td><td>NA</td></mdl<>	NA	NA
HOW19	<mdl< td=""><td></td><td></td><td><mdl< td=""><td></td><td></td></mdl<></td></mdl<>			<mdl< td=""><td></td><td></td></mdl<>		
HOW19D	<mdl< td=""><td> NA</td><td>NA -</td><td><mdl< td=""><td>NA</td><td>NA</td></mdl<></td></mdl<>	NA	NA -	<mdl< td=""><td>NA</td><td>NA</td></mdl<>	NA	NA
HOW23	<mdl< td=""><td></td><td>-</td><td><mdl< td=""><td></td><td></td></mdl<></td></mdl<>		-	<mdl< td=""><td></td><td></td></mdl<>		
HOW23D	DET	─ NA	NA -	<mdl< td=""><td>NA</td><td>NA</td></mdl<>	NA	NA
PLA3	<mdl< td=""><td></td><td></td><td><mdl< td=""><td></td><td></td></mdl<></td></mdl<>			<mdl< td=""><td></td><td></td></mdl<>		
PLA3D	<mdl< td=""><td>- NA</td><td>NA -</td><td><mdl< td=""><td>NA I</td><td>NA</td></mdl<></td></mdl<>	- NA	NA -	<mdl< td=""><td>NA I</td><td>NA</td></mdl<>	NA I	NA
PLA7	<mdl< td=""><td></td><td></td><td><mdl< td=""><td></td><td></td></mdl<></td></mdl<>			<mdl< td=""><td></td><td></td></mdl<>		
PLA7D	<mdl< td=""><td>─ NA</td><td>NA -</td><td><mdl< td=""><td>NA</td><td>NA</td></mdl<></td></mdl<>	─ NA	NA -	<mdl< td=""><td>NA</td><td>NA</td></mdl<>	NA	NA
PLA11	<mdl< td=""><td></td><td></td><td><mdl< td=""><td> </td><td></td></mdl<></td></mdl<>			<mdl< td=""><td> </td><td></td></mdl<>	 	
PLA11D	<mdl< td=""><td> NA </td><td>NA -</td><td><mdl< td=""><td>NA </td><td>NA</td></mdl<></td></mdl<>	NA	NA -	<mdl< td=""><td>NA </td><td>NA</td></mdl<>	NA	NA
PLA15	<mdl< td=""><td></td><td></td><td><mdl< td=""><td></td><td></td></mdl<></td></mdl<>			<mdl< td=""><td></td><td></td></mdl<>		
PLA15D	<mdl< td=""><td>- NA</td><td>NA -</td><td><mdl< td=""><td>NA</td><td>NA</td></mdl<></td></mdl<>	- NA	NA -	<mdl< td=""><td>NA</td><td>NA</td></mdl<>	NA	NA
PLA19	<mdl< td=""><td></td><td></td><td><mdl< td=""><td></td><td></td></mdl<></td></mdl<>			<mdl< td=""><td></td><td></td></mdl<>		
PLA19D	<mdl< td=""><td> NA </td><td>NA -</td><td><mdl< td=""><td>NA (</td><td>NA</td></mdl<></td></mdl<>	NA	NA -	<mdl< td=""><td>NA (</td><td>NA</td></mdl<>	NA (NA
PLA23	<mdl< td=""><td></td><td></td><td><mdl< td=""><td></td><td>··-··</td></mdl<></td></mdl<>			<mdl< td=""><td></td><td>··-··</td></mdl<>		··-··
PLA23D	<mdl< td=""><td> NA </td><td>NA -</td><td><mdl< td=""><td>NA </td><td>NA</td></mdl<></td></mdl<>	NA	NA -	<mdl< td=""><td>NA </td><td>NA</td></mdl<>	NA	NA
RIV3	<mdl< td=""><td></td><td></td><td><mdl< td=""><td></td><td></td></mdl<></td></mdl<>			<mdl< td=""><td></td><td></td></mdl<>		
RIV3D	<mdl< td=""><td>— NA</td><td>NA -</td><td><mdl< td=""><td>NA</td><td>NA</td></mdl<></td></mdl<>	— NA	NA -	<mdl< td=""><td>NA</td><td>NA</td></mdl<>	NA	NA
RIV7	<mdl< td=""><td></td><td> }</td><td><mdl< td=""><td></td><td></td></mdl<></td></mdl<>		 }	<mdl< td=""><td></td><td></td></mdl<>		
RIV7D		NA	NA -	<mdl< td=""><td>NA </td><td>NA</td></mdl<>	NA	NA
RIV11	95*	- , 		<mdl< td=""><td> </td><td></td></mdl<>	 	
RIV11D	49*	NA	NA -	<mdl< td=""><td>NA </td><td>NA</td></mdl<>	NA	NA
RIV15	<mdl< td=""><td>A L A</td><td>110</td><td><mdl< td=""><td>NIA -</td><td>N I A</td></mdl<></td></mdl<>	A L A	110	<mdl< td=""><td>NIA -</td><td>N I A</td></mdl<>	NIA -	N I A
RIV15D	<mdl< td=""><td>H NA</td><td>NA -</td><td><mdl< td=""><td>NA</td><td>NA </td></mdl<></td></mdl<>	H NA	NA -	<mdl< td=""><td>NA</td><td>NA </td></mdl<>	NA	NA
RIV19	<mdl< td=""><td>N1A</td><td>NA</td><td><mdl< td=""><td>NIA</td><td>NA</td></mdl<></td></mdl<>	N1A	NA	<mdl< td=""><td>NIA</td><td>NA</td></mdl<>	NIA	NA
RIV19D	<mdl< td=""><td>- NA</td><td>INA</td><td>NA</td><td>NA</td><td>IVA</td></mdl<>	- NA	INA	NA	NA	IVA

Table 12. Benomyl and n-Butyl Isocyanate Ambient Collocated Results

Sample ID	Benomyl (ng/m³)	Average	Relative Difference	n-Butyl Isocyanate (μg/m³)	Average	Relative Difference
RIV23	<mdl< td=""><td>NA</td><td>NA</td><td><mdl< td=""><td>NA</td><td>NA</td></mdl<></td></mdl<>	NA	NA	<mdl< td=""><td>NA</td><td>NA</td></mdl<>	NA	NA
RIV23D	<mdl< td=""><td>INA</td><td>INA</td><td><mdl< td=""><td>INA</td><td>14/4</td></mdl<></td></mdl<>	INA	INA	<mdl< td=""><td>INA</td><td>14/4</td></mdl<>	INA	14/4
SCH3	<mdl< td=""><td>NA</td><td>NA</td><td><mdl< td=""><td>NA</td><td>NA</td></mdl<></td></mdl<>	NA	NA	<mdl< td=""><td>NA</td><td>NA</td></mdl<>	NA	NA
SCH3D	<mdl< td=""><td>IVA</td><td>INA</td><td><mdl< td=""><td>INA</td><td>IVA</td></mdl<></td></mdl<>	IVA	INA	<mdl< td=""><td>INA</td><td>IVA</td></mdl<>	INA	IVA
SCH7	<mdl< td=""><td>NA</td><td>NA</td><td><mdl< td=""><td>NA</td><td>NA</td></mdl<></td></mdl<>	NA	NA	<mdl< td=""><td>NA</td><td>NA</td></mdl<>	NA	NA
SCH7D	<mdl< td=""><td>IVA</td><td>INA .</td><td><mdl< td=""><td>IVA</td><td>IVA</td></mdl<></td></mdl<>	IVA	INA .	<mdl< td=""><td>IVA</td><td>IVA</td></mdl<>	IVA	IVA
SCH11	71*	NA	NA	<mdl< td=""><td>NA</td><td>NA</td></mdl<>	NA	NA
SCH11D	119*	INA	INA	<mdl< td=""><td>IVA</td><td>IVA</td></mdl<>	IVA	IVA
SCH15	<mdl< td=""><td>NA</td><td>NA.</td><td><mdl< td=""><td>NA</td><td>NA</td></mdl<></td></mdl<>	NA	NA.	<mdl< td=""><td>NA</td><td>NA</td></mdl<>	NA	NA
SCH15D	<mdl< td=""><td>IVA</td><td>144</td><td><mdl< td=""><td>IVA</td><td>IVA</td></mdl<></td></mdl<>	IVA	144	<mdl< td=""><td>IVA</td><td>IVA</td></mdl<>	IVA	IVA
SCH19	<mdl< td=""><td>NA</td><td>NA</td><td><mdl< td=""><td>NA</td><td>NA</td></mdl<></td></mdl<>	NA	NA	<mdl< td=""><td>NA</td><td>NA</td></mdl<>	NA	NA
SCH19D	<mdl< td=""><td>IVA</td><td></td><td><mdl< td=""><td>IVA</td><td>IVA</td></mdl<></td></mdl<>	IVA		<mdl< td=""><td>IVA</td><td>IVA</td></mdl<>	IVA	IVA
SCH23	DET	NA	NA	<mdl< td=""><td>NA</td><td>NA</td></mdl<>	NA	NA
SCH23D	<mdl< td=""><td>IVA</td><td>1374</td><td><mdl< td=""><td>INA</td><td>INA</td></mdl<></td></mdl<>	IVA	1374	<mdl< td=""><td>INA</td><td>INA</td></mdl<>	INA	INA
	Average =		NA	Average =		NA

NA = Not Applicable

MDL = 9.4 ng/m³ for Benomyl
Det = Value was below the EQL of 47 ng/m³ but ≥MDL

MDL = 1.4 μ g/m³ for n-Butyl isocyanate Det = Value was below the EQL of 7.0 μ g/m³ but \geq MDL

^{*}Confirmed as false positives by CDFA LC/MS analysis.

Table 13. Benomyl Application Lab Spike Results

Sample ID	Benomyl Amount (ng)	Expected Amount (ng)	Percent Recovery
LS-1	138	250	55%
LS-2	138	250	55%
LS-3	137	250	55%
LS-4	1683	2000	84%
LS-5	1742	2000	87%
LS-6	1553	2000	78%
		Average =	69%

Table 14. Benomyl Application Trip Spike Results

Sample ID	Benomyl Amount (ng)	Expected Amount (ng)	Percent Recovery
TS-1	180	250	72%
TS-2	189	250	76%
TS-3	185	250	74%
TS-4	1574	2000	79%
TS-5	1708	2000	85%
TS-6	1312	2000	66%
		Average =	75%

Table 15. Benomyl Application Field Spike Results

Sample ID	Benomyl Amount (ng)	Background* Amount (ng)	Corrected Amount (ng)	Expected Amount (ng)	Percent Recovery
FS-1	1552	<mdl< td=""><td>1552</td><td>2000</td><td>78%</td></mdl<>	1552	2000	78%
FS-2	1620	<mdl< td=""><td>1620</td><td>2000</td><td>81%</td></mdl<>	1620	2000	81%
FS-3	1436	<mdl< td=""><td>1436</td><td>2000</td><td>72%</td></mdl<>	1436	2000	72%
FS-4	208	<mdl< td=""><td>208</td><td>250</td><td>83%</td></mdl<>	208	250	83%
FS-5	217	<mdl< td=""><td>217</td><td>250</td><td>87%</td></mdl<>	217	250	87%
FS-6	249	<mdl< td=""><td>249</td><td>250</td><td>100%</td></mdl<>	249	250	100%
				Average =	83%

^{*}Amount of benomyl found in the collocated background sample.

Table 16. Benomyl Ambient Lab Spike Results

Sample ID	Benomyl Amount (ng)	Expected Amount (ng)	Percent Recovery
LS-1	220	250	88%
LS-2	218	250	87%
LS-3	205	250	82%
LS-4	1620	2000	81%
LS-5	1550	2000	78%
LS-6	1590	2000	80%
		Average =	83%

Table 17. Benomyl Ambient Trip Spike Results

Sample ID	Benomyl Amount (ng)	Expected Amount (ng)	Percent Recovery
TS-1	253	250	101%
TS-2	236	250	94%
TS-3	211	250	84%
TS-4	1580	2000	79%
TS-5	1560	2000	78%
TS-6	1600	2000	80%
		Average =	86%

Table 18. Benomyl Ambient Field Spike Results

Sample ID	Benomyl Amount (ng)	Background* Amount (ng)	Corrected Amount (ng)	Expected Amount (ng)	Percent Recovery
FS-1	332	428	332 `	250	133%
FS-2	280	428	280	250	112%
FS-3	416	428	416	250	166%
FS-4	1550	<mdl< td=""><td>1550</td><td>2000</td><td>78%</td></mdl<>	1550	2000	78%
FS-5	1690	<mdl< td=""><td>1690</td><td>2000</td><td>85%</td></mdl<>	1690	2000	85%
FS-6	1710	<mdl< td=""><td>1710</td><td>2000</td><td>86%</td></mdl<>	1710	2000	86%
				Average =	110%

^{*}Mass of benomyl found in the collocated ambient sample.

Note:

The result for ARB1 from the ARB analysis was 428 ng/sample. However, a confirmation analysis by LC/MS at CDFA showed this result to be a false positive and the result to actually be <MDL. Thus, the background result was not subtracted from the spike result before calculation of the percent recovery.

Table 19. n-Butyl Isocyanate Application Lab Spike Results

Sample ID	n-Butyl Isocyanate Amount (ng)	Expected Amount (ng)	Percent Recovery
LS-1	140	200	70%
LS-2	80	200	40%
LS-3	100	200	50%
LS-4	150	200	75%
		Average =	59%

Table 20. n-Butyl Isocyanate Application Trip Spike Results

Sample ID	n-Butyl Isocyanate Amount (ng)	Amount Amount	
TS-1	150	200	75%
TS-2	80	200	40%
TS-3	30	200	15%
TS-4	170	200	85%
		Average =	54%

Table 21. n-Butyl Isocyanate Application Field Spike Results

Sample ID	n-Butyl Isocyanate Amount (ng)	Background* Amount (ng)	Corrected Amount (ng)	Expected Amount (ng)	Percent Recovery
FS1W	100	<mdl< td=""><td>100</td><td>200</td><td>50%</td></mdl<>	100	200	50%
FS2W	110	<mdl< td=""><td>110</td><td>200</td><td>55%</td></mdl<>	110	200	55%
FS3E	110	<mdl< td=""><td>110</td><td>200</td><td>55%</td></mdl<>	110	200	55%
FS4E	100	<mdl< td=""><td>100</td><td>200</td><td>50%</td></mdl<>	100	200	50%
				Average =	53%

^{*}Amount of n-Butyl Isocyanate found in the collocated background sample.

Table 22. n-Butyl Isocyanate Ambient Lab Spike Results

Sample ID	n-Butyl Isocyanate Amount (ng)	Amount Amount	
LS-1	160	200	80%
LS-2	130	200	65%
LS-3	140	200	70%
LS-4	130	200	65%
		Average =	70%

Table 23. n-Butyl Isocyanate Ambient Trip Spike Results

Sample ID	n-Butyl Isocyanate Amount (ng)	Amount Amount	
TS-1	160	200	80%
TS-2	140	200	70%
TS-3	140	200	70%
TS-4	130	200	65%
	•	Average =	71%

Table 24. n-Butyl Isocyanate Ambient Field Spike Results

Sample ID	n-Butyl Isocyanate Amount (ng)	Background* Amount (ng)	Corrected Amount (ng)	Expected Amount (ng)	Percent Recovery
FS-1	140	<mdl< td=""><td>140</td><td>200</td><td>7.0%</td></mdl<>	140	200	7.0%
FS-2	180	<mdl< td=""><td>180</td><td>200</td><td>90%</td></mdl<>	180	200	90%
FS-3	180	<mdl< td=""><td>180</td><td>200</td><td>90%</td></mdl<>	180	200	90%
FS-4	180	<mdl< td=""><td>180</td><td>200</td><td>90%</td></mdl<>	180	200	90%
				Average =	85%

^{*}Mass of n-Butyl Isocyanate found in the collocated ambient sample.

TABLE 25. ARB AND CDFA RESULTS

Quality Control Samples

	Sample #	Sample Name	ARB Results ng/mi	CDFA Results ng/ml	Comments
_		XAD-2 resin blank	<mdl< td=""><td>N/F</td><td></td></mdl<>	N/F	
		62.5 ng/ml spike	58	68	XAD-2 resin spike
	BAP 10	FS6EC	62	39	62:5 ng/ml field spike

Ambient Samples

Sample #	Sample Name	ARB Results ng/ml	CDFA Results ng/ml	Comments
BA 1	SCH1	108	N/F	sample collected 2/8/00
BA 2	PLA1	48	N/F	sample collected 2/8/00
BA 4	RIVI	58	N/F	sample collected 2/8/00
BA 5	ARB1	107	N/F	sample collected 2/8/00
BA 34	PLA5	<mdl*< td=""><td>N/F</td><td></td></mdl*<>	N/F	
BA 36	HOW5	<mdl*< td=""><td>N/F</td><td></td></mdl*<>	N/F	
BA 39	PLA6	<mdl*< td=""><td>N/F</td><td></td></mdl*<>	N/F	
BA 41	HOW6	<mdl*< td=""><td>N/F</td><td></td></mdl*<>	N/F	
BA 77	SCH11D**	106	N/F	sample collected 2/16/00
BA 78	HOW11	92	N/F	sample collected 2/16/00
BA 79	HOW11D	107	N/F	sample collected 2/16/00
BA80	RIV11	85	N/F	sample collected 2/16/00
BA 81	RIV11D	44	N/F	sample collected 2/16/00
BA 88	ARB13	<mdl*< td=""><td>N/F</td><td>,</td></mdl*<>	N/F	,
BA 110	SCH16	<mdl*< td=""><td>N/F</td><td></td></mdl*<>	N/F	
BA 112	RIV16	45	N/F	

Application Samples

Sample #	Sample Name	ARB Results ng/ml	CDFA Results ng/ml	Comments
BAP 12	CN21	46	50	
BAP 14	CED1	54	56	
BAP 17	CN31	<mdl*< td=""><td>N/F</td><td></td></mdl*<>	N/F	
BAP 35	CN2D3	58	54	
BAP 67	CS37	46	53	
BAP 70	CN27	85	100	
BAP 93	CS210	45	N/F	

N/F - less than 30 ng/ml by CDFA LC/MS method

<MDL - less than 7.4 ng/ml by ARB LC/UV method

^{*-} positive by instrument parameters (RT +/- 0.5 minutes), negative by statistical analysis (RT +/- 2sd)

^{** -} duplicate (SCH11) was submitted to CDFA but quantity was insufficient for LC/MS analysis